

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044046.D
 Acq On : 09 Feb 2024 19:06
 Operator : MA/JU
 Sample : PB158270BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158270BL

Quant Time: Feb 09 22:58:06 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	459893	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1783433	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	969182	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	1890857	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1442834	20.000	ng	0.00
86) Perylene-d12	23.891	264	1544277	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4207026	133.049	ng	0.00
7) Phenol-d6	7.075	99	5094676	126.633	ng	0.00
23) Nitrobenzene-d5	9.081	82	2956763	87.974	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1313122	125.136	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	5967745	86.902	ng	0.00
79) Terphenyl-d14	19.945	244	7236072	87.918	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.375	88	256	0.020	ng	# 1
3) Pyridine	3.775	79	293	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.699	42	227	0.018	ng	# 1
6) Aniline	7.245	93	215	0.005	ng	# 45
8) 2-Chlorophenol	7.310	128	55	0.002	ng	# 35
9) Benzaldehyde	7.081	77	8509	0.412	ng	# 3
10) Phenol	7.081	94	1035	0.025	ng	# 1
11) bis(2-Chloroethyl)ether	7.340	93	195	0.006	ng	# 76
12) 1,3-Dichlorobenzene	7.904	146	55	0.001	ng	# 1
13) 1,4-Dichlorobenzene	7.904	146	55	0.001	ng	# 1
15) Benzyl Alcohol	8.169	79	864	0.033	ng	# 28
16) 2,2'-oxybis(1-Chloropr...	8.422	45	294	0.007	ng	# 1
17) 2-Methylphenol	8.198	107	66	0.002	ng	# 1
18) Hexachloroethane	8.963	117	118	0.008	ng	# 1
19) n-Nitroso-di-n-propyla...	8.745	70	82	0.003	ng	# 1
20) 3+4-Methylphenols	8.592	107	54	0.001	ng	# 1
22) Acetophenone	8.745	105	387	0.009	ng	# 1
24) Nitrobenzene	9.081	77	8405	0.244	ng	# 35
25) Isophorone	9.634	82	263	0.004	ng	# 65
27) 2,4-Dimethylphenol	9.998	122	60	0.003	ng	# 5
28) bis(2-Chloroethoxy)met...	10.134	93	74	0.002	ng	# 49
31) Naphthalene	10.745	128	64	0.001	ng	# 69
32) Benzoic acid	9.998	122	60	0.003	ng	# 1
33) 4-Chloroaniline	10.892	127	56	0.002	ng	# 1
46) 1,1'-Biphenyl	13.174	154	11727	0.153	ng	# 1
48) 2-Nitroaniline	13.598	65	133	0.008	ng	# 1
49) Acenaphthylene	14.286	152	58	0.001	ng	# 61
50) Dimethylphthalate	14.022	163	244	0.003	ng	# 77
51) 2,6-Dinitrotoluene	14.104	165	57	0.004	ng	# 29
52) Acenaphthene	14.551	154	3473	0.062	ng	# 10
53) 3-Nitroaniline	14.545	138	155	0.009	ng	# 1
57) 2,4-Dinitrotoluene	14.886	165	168	0.008	ng	# 21
60) Diethylphthalate	15.386	149	671	0.009	ng	# 5
63) Azobenzene	15.898	77	614	0.009	ng	# 68
65) 4,6-Dinitro-2-methylph...	15.892	198	356	0.032	ng	# 1
66) n-Nitrosodiphenylamine	16.045	169	45579	0.793	ng	# 47

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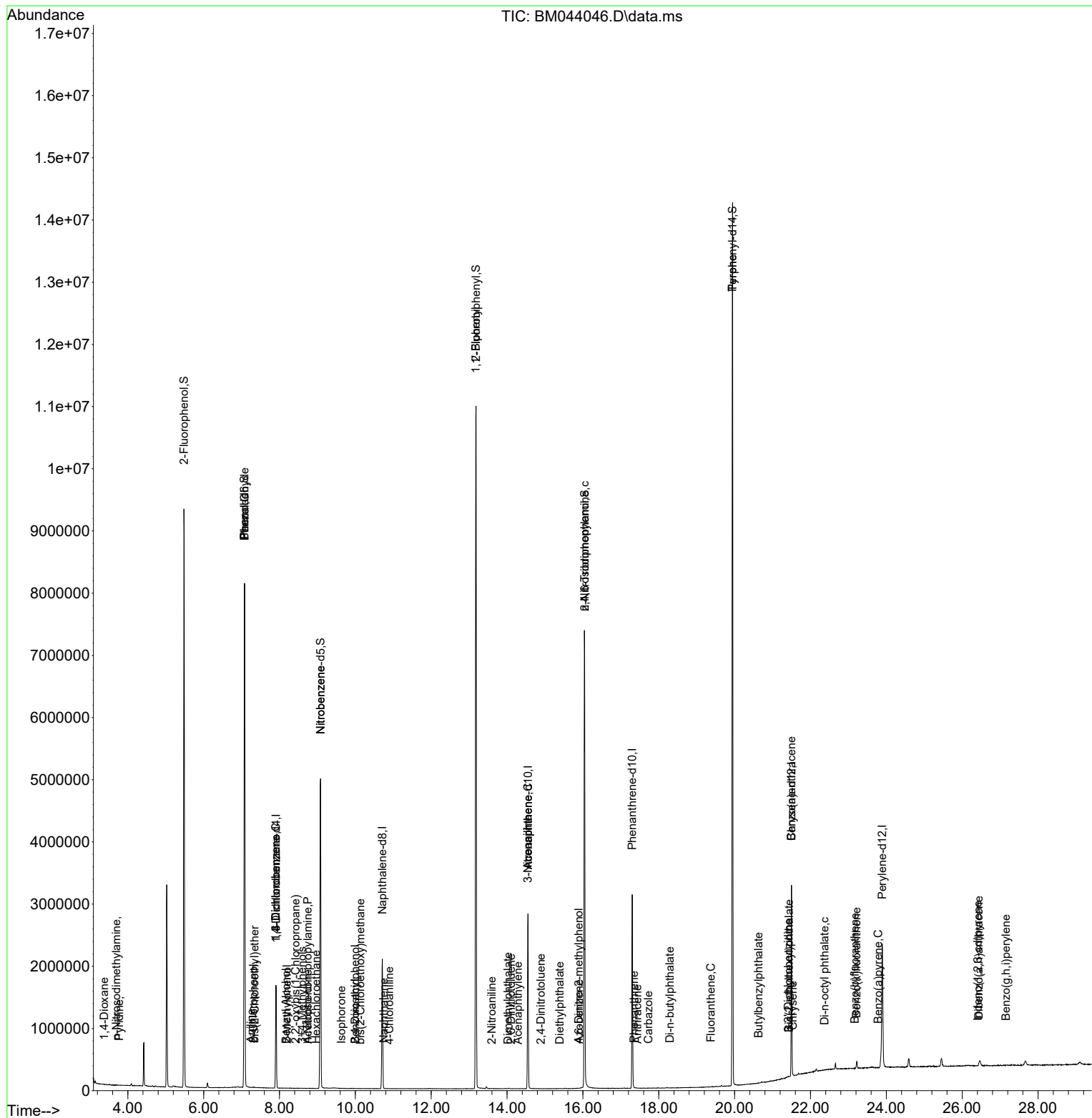
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Phenanthrene	17.351	178	409	0.004	ng	# 60
72) Anthracene	17.433	178	207	0.002	ng	# 26
73) Carbazole	17.727	167	73	0.001	ng	# 60
74) Di-n-butylphthalate	18.292	149	1542	0.012	ng	# 78
75) Fluoranthene	19.374	202	368	0.003	ng	# 63
78) Pyrene	19.939	202	22491	0.202	ng	# 60
80) Butylbenzylphthalate	20.633	149	631	0.013	ng	# 77
81) Benzo(a)anthracene	21.497	228	4447	0.044	ng	# 71
82) 3,3'-Dichlorobenzidine	21.415	252	181	0.005	ng	# 26
83) Chrysene	21.539	228	594	0.006	ng	# 66
84) Bis(2-ethylhexyl)phtha...	21.433	149	1726	0.024	ng	# 85
85) Di-n-octyl phthalate	22.368	149	381	0.003	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.409	276	254	0.002	ng	# 74
88) Benzo(b)fluoranthene	23.168	252	1108	0.011	ng	# 1
89) Benzo(k)fluoranthene	23.215	252	1127	0.012	ng	# 1
90) Benzo(a)pyrene	23.786	252	467	0.006	ng	# 1
91) Dibenzo(a,h)anthracene	26.432	278	121	0.001	ng	# 1
92) Benzo(g,h,i)perylene	27.150	276	67	0.001	ng	# 1

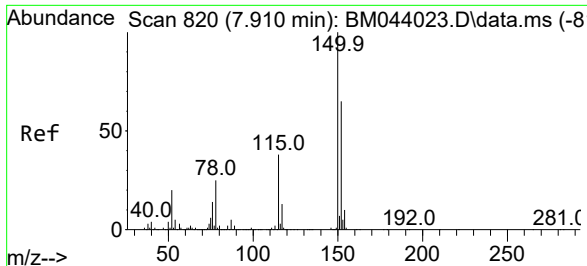
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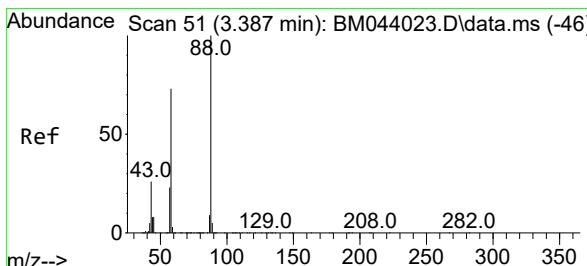
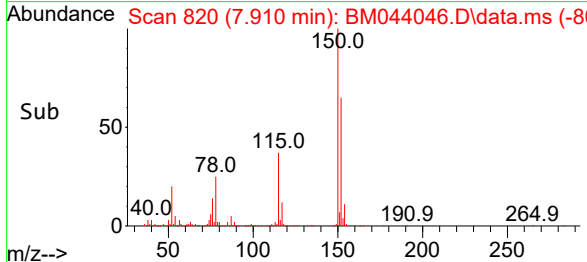
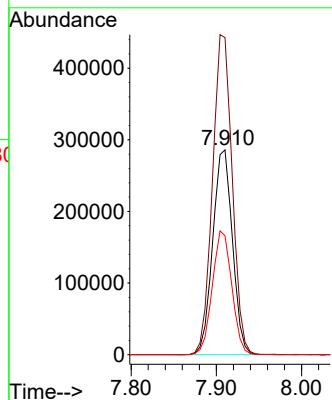
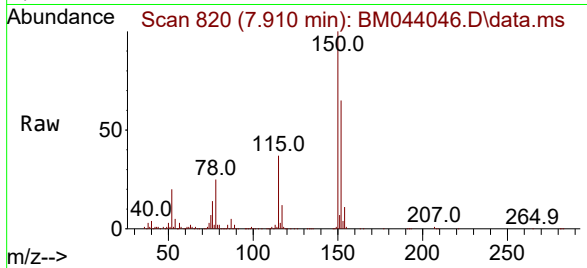




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM044046.D
 Acq: 09 Feb 2024 19:06

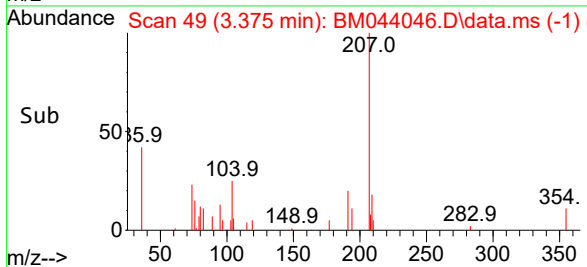
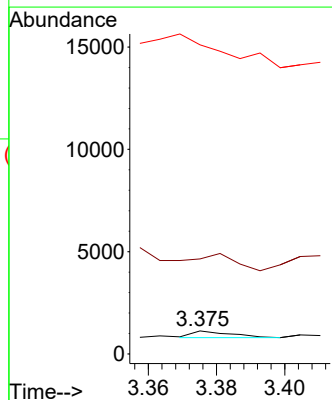
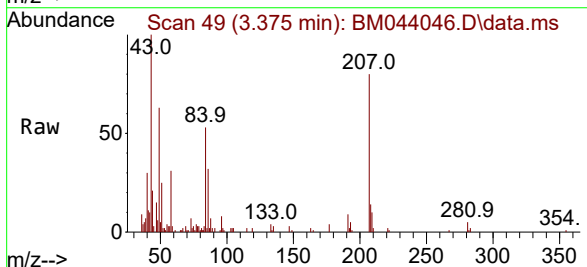
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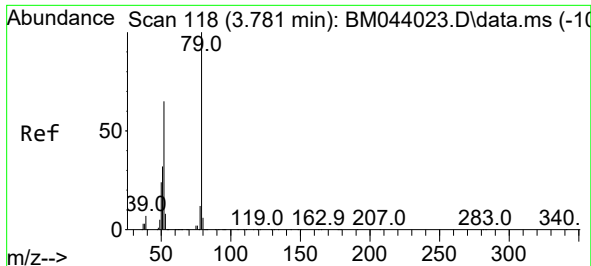
Tgt Ion:152 Resp: 459893
 Ion Ratio Lower Upper
 152 100
 150 154.9 122.7 184.1
 115 58.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.020 ng
 RT: 3.375 min Scan# 49
 Delta R.T. -0.012 min
 Lab File: BM044046.D
 Acq: 09 Feb 2024 19:06

Tgt Ion: 88 Resp: 256
 Ion Ratio Lower Upper
 88 100
 58 0.0 58.1 87.1#
 43 1846.1 21.1 31.7#

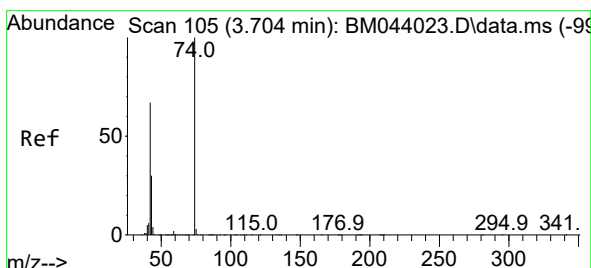
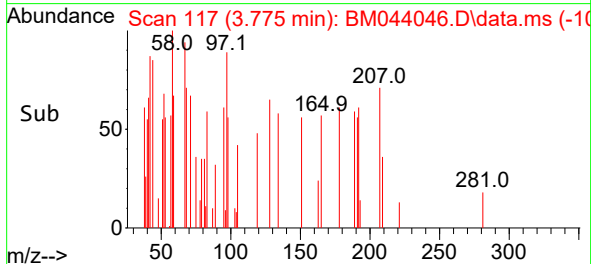
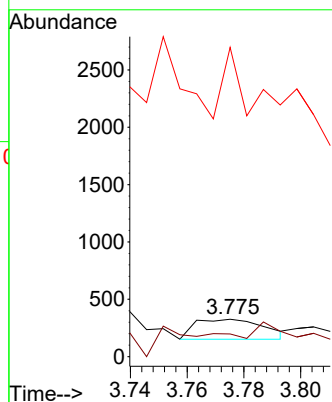
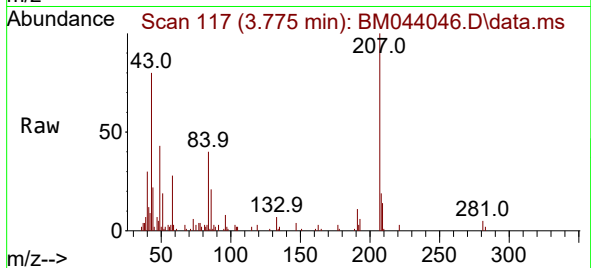




#3
Pyridine
Concen: 0.009 ng
RT: 3.775 min Scan# 118
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

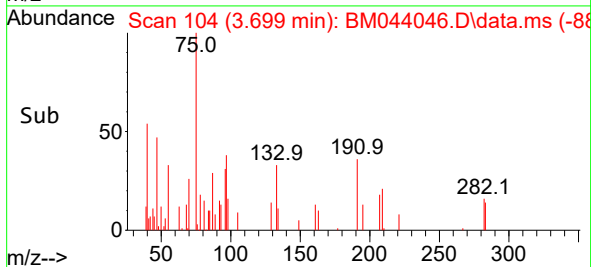
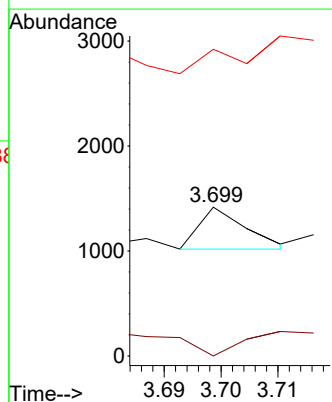
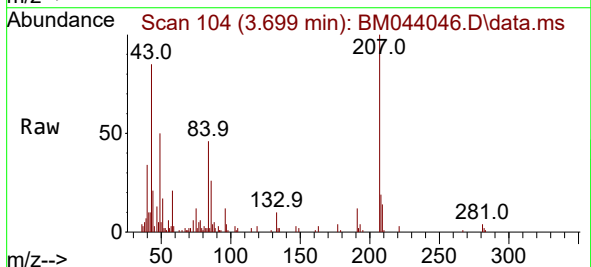
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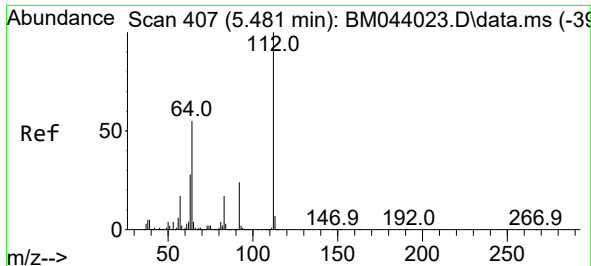
Tgt Ion: 79 Resp: 293
Ion Ratio Lower Upper
79 100
52 60.7 52.2 78.2
51 827.3 26.2 39.4#



#4
n-Nitrosodimethylamine
Concen: 0.018 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 42 Resp: 227
Ion Ratio Lower Upper
42 100
74 0.0 118.6 178.0#
44 206.1 5.6 8.4#

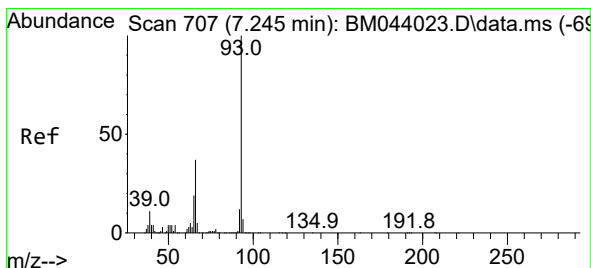
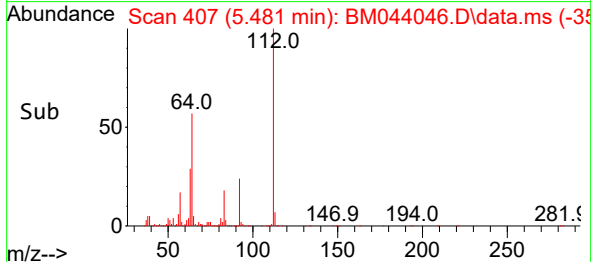
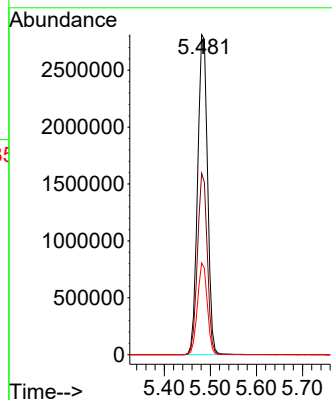
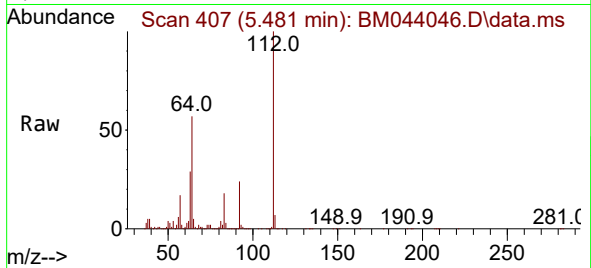




#5
2-Fluorophenol
Concen: 133.049 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

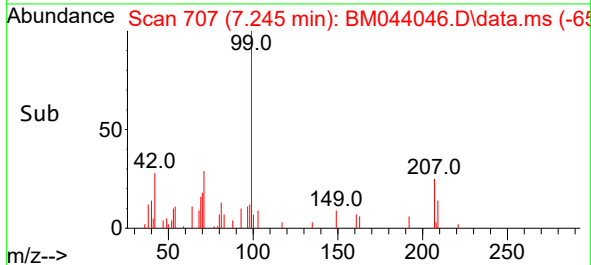
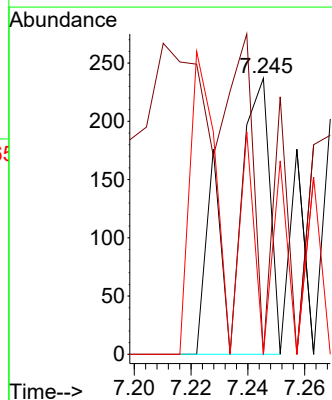
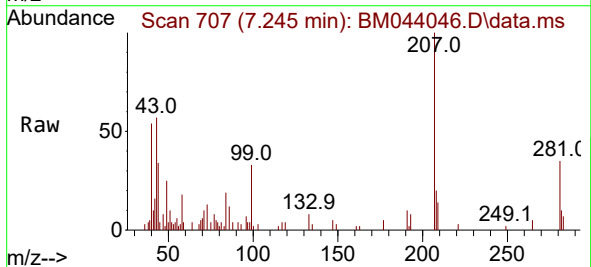
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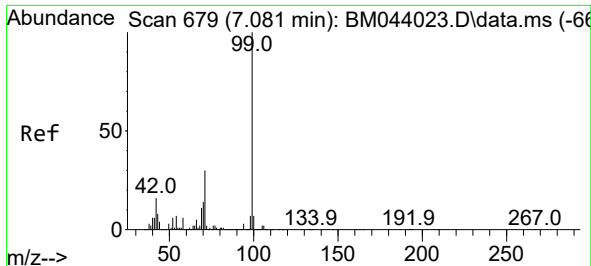
Tgt Ion:112 Resp: 4207026
Ion Ratio Lower Upper
112 100
64 56.7 44.2 66.4
63 28.6 22.6 34.0



#6
Aniline
Concen: 0.005 ng
RT: 7.245 min Scan# 707
Delta R.T. 0.000 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 93 Resp: 215
Ion Ratio Lower Upper
93 100
66 0.0 29.4 44.0#
65 0.0 15.2 22.8#

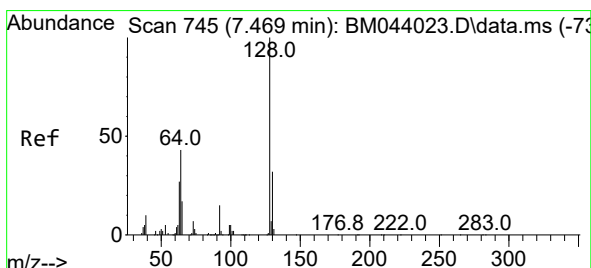
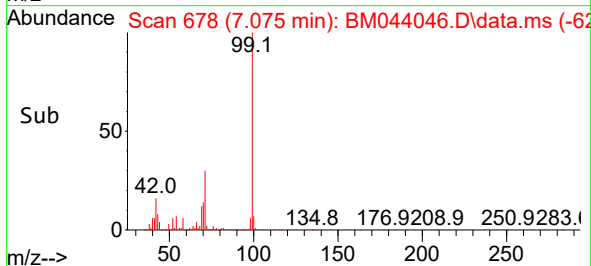
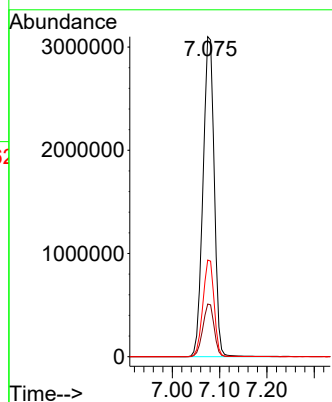
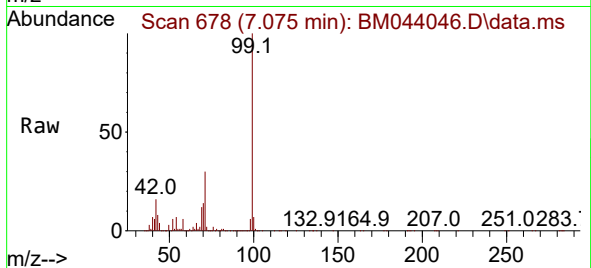




#7
Phenol-d6
Concen: 126.633 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

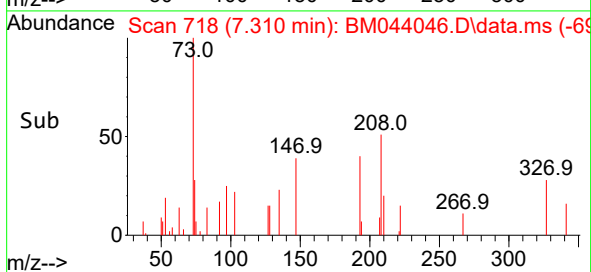
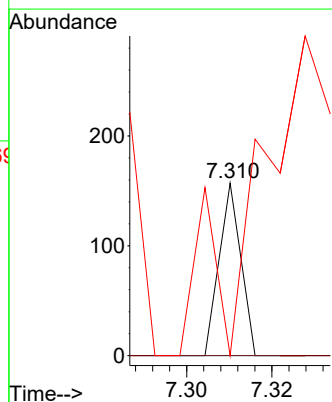
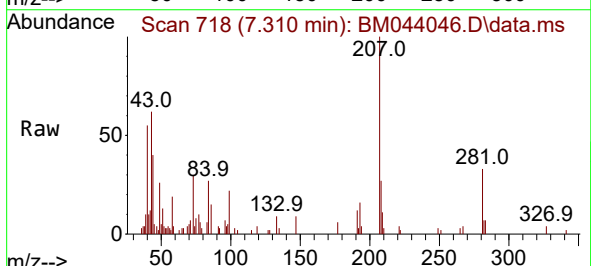
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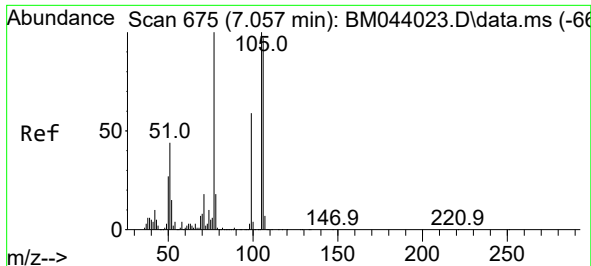
Tgt Ion: 99 Resp: 5094676
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 30.2 23.9 35.9



#8
2-Chlorophenol
Concen: 0.002 ng
RT: 7.310 min Scan# 718
Delta R.T. -0.159 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 128 Resp: 55
Ion Ratio Lower Upper
128 100
130 0.0 12.1 52.1#
64 0.0 26.0 66.0#

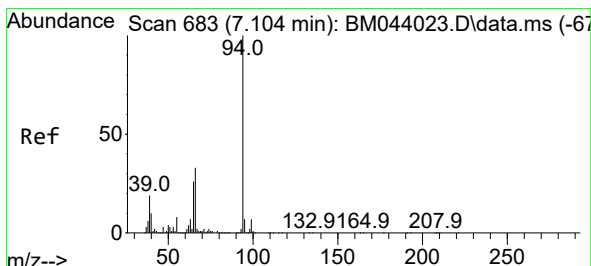
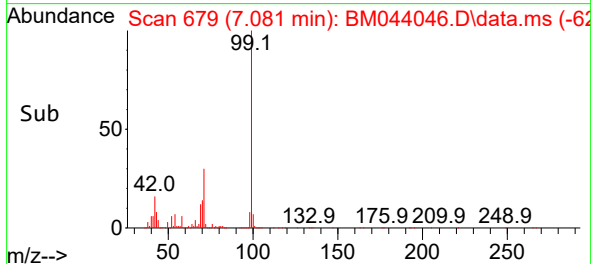
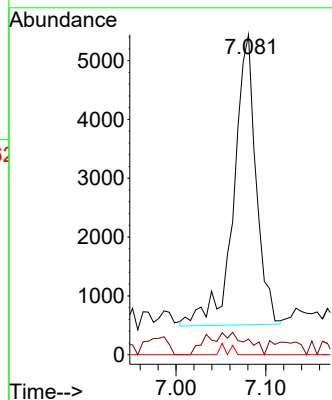
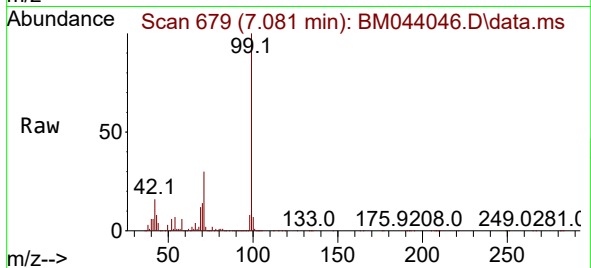




#9
Benzaldehyde
Concen: 0.412 ng
RT: 7.081 min Scan# 675
Delta R.T. 0.024 min
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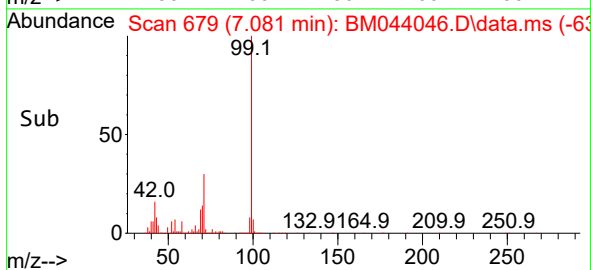
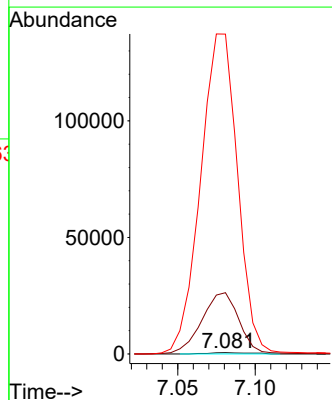
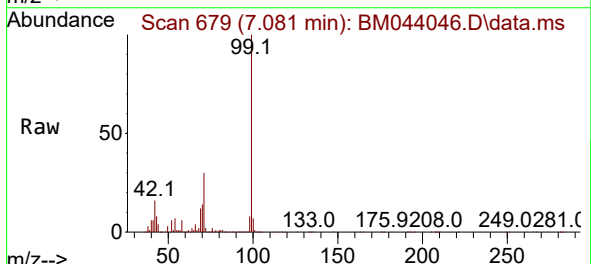
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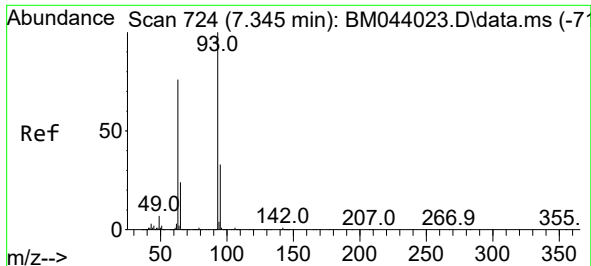
Tgt Ion: 77 Resp: 8509
Ion Ratio Lower Upper
77 100
105 4.8 80.0 120.0#
106 0.0 76.8 116.8#



#10
Phenol
Concen: 0.025 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.023 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 94 Resp: 1035
Ion Ratio Lower Upper
94 100
65 4950.7 6.4 46.4#
66 25841.1 13.2 53.2#

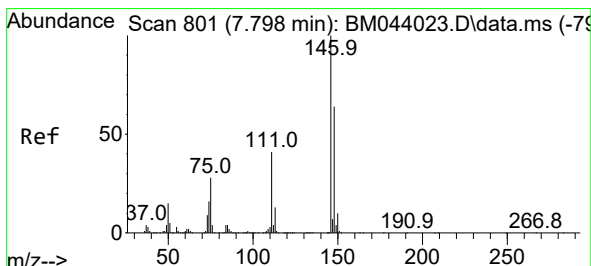
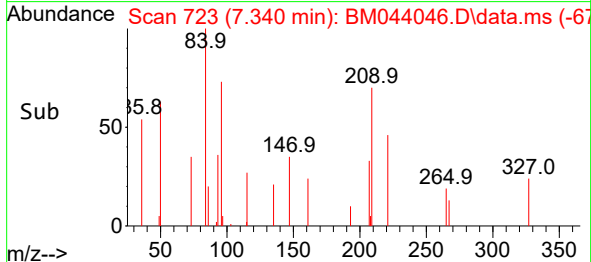
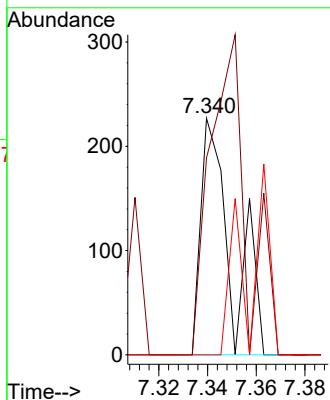
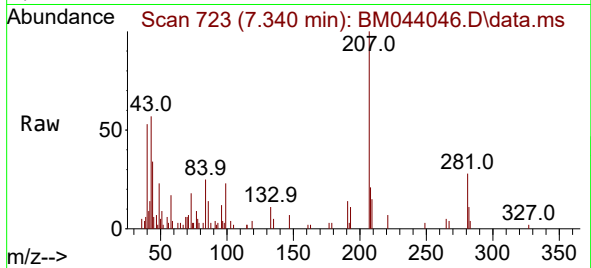




#11
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044046.D
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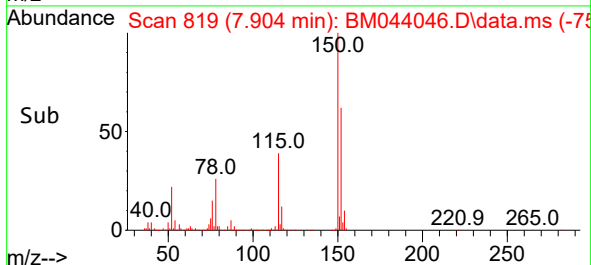
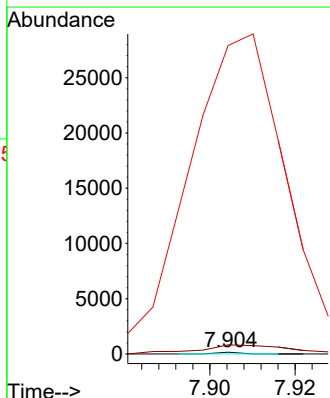
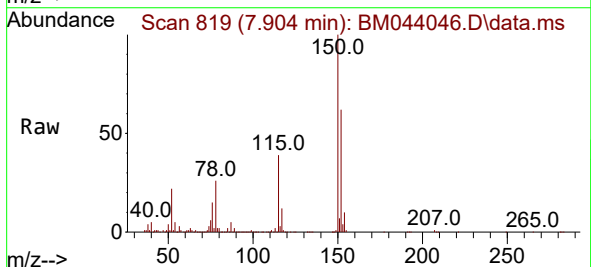
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PB158270BL

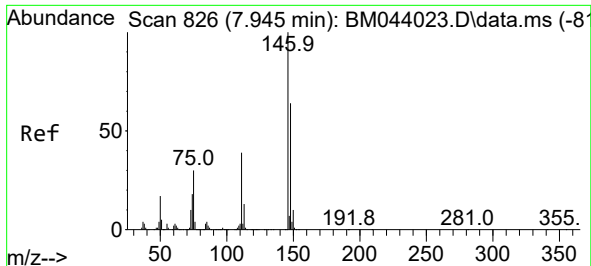
Tgt Ion: 93 Resp: 195
Ion Ratio Lower Upper
93 100
63 83.3 55.9 95.9
95 0.0 13.0 53.0#



#12
1,3-Dichlorobenzene
Concen: 0.001 ng
RT: 7.904 min Scan# 819
Delta R.T. 0.106 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:146 Resp: 55
Ion Ratio Lower Upper
146 100
148 533.3 51.3 76.9#
75 17897.4 22.7 34.1#

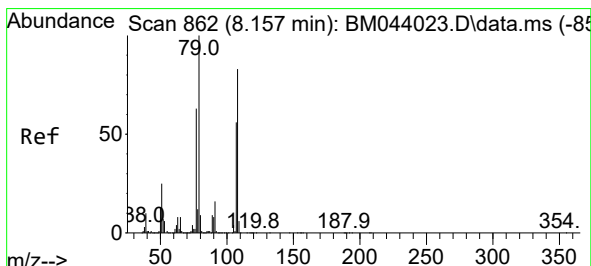
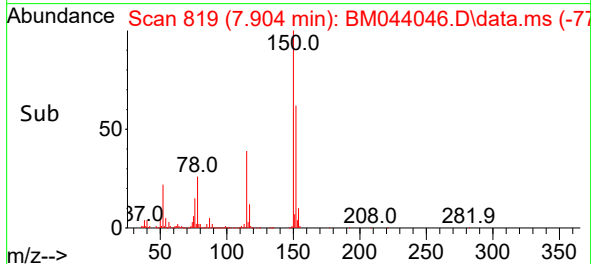
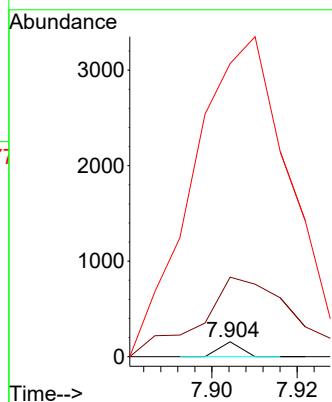
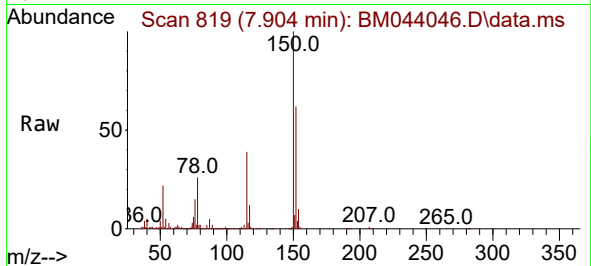




#13
1,4-Dichlorobenzene
Concen: 0.001 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.041 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

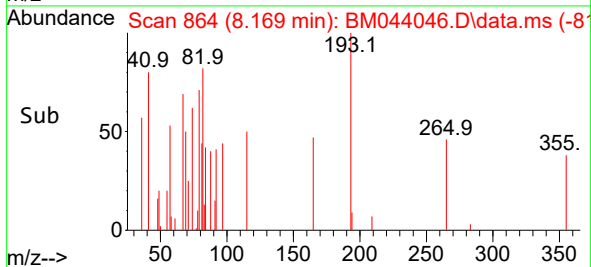
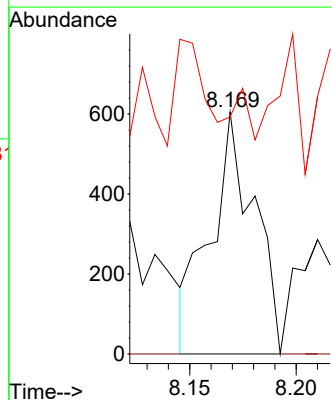
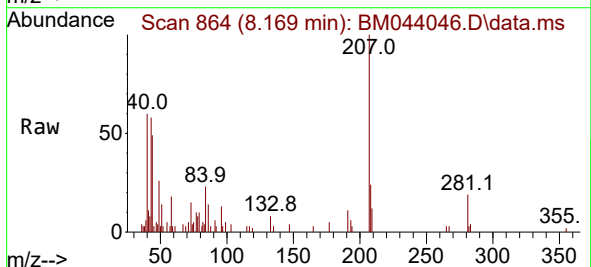
Instrument :
BNA_M
ClientSampleId :
PB158270BL

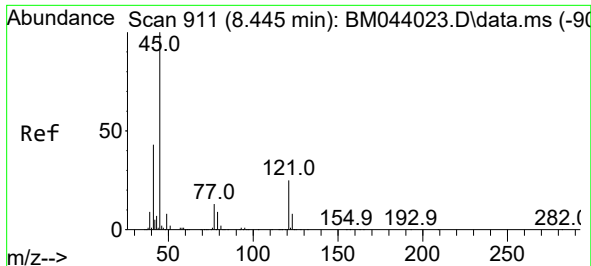
Tgt Ion:146 Resp: 55
Ion Ratio Lower Upper
146 100
148 533.3 51.2 76.8#
111 1967.9 31.2 46.8#



#15
Benzyl Alcohol
Concen: 0.033 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.012 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 79 Resp: 864
Ion Ratio Lower Upper
79 100
108 0.0 66.0 99.0#
77 98.0 50.4 75.6#

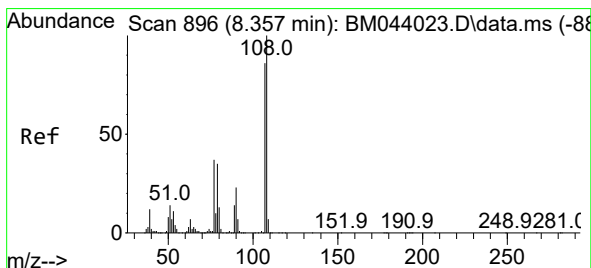
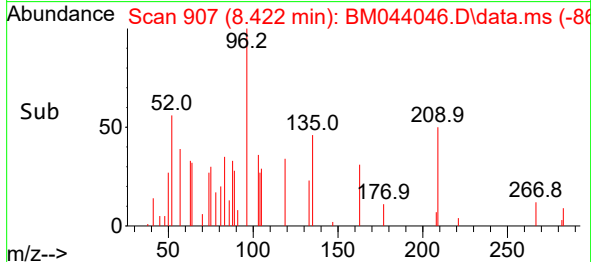
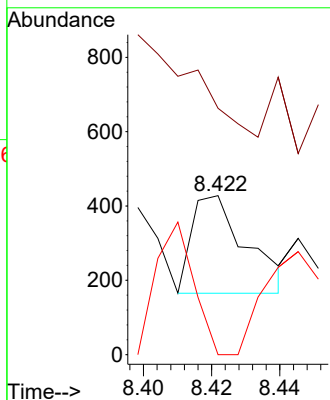
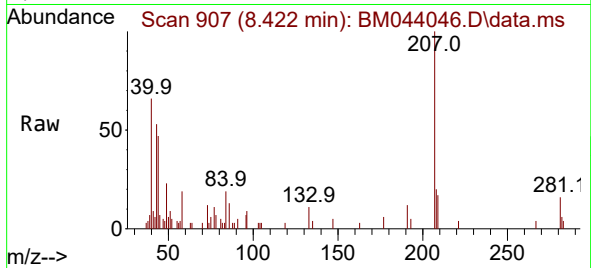




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.007 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.023 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

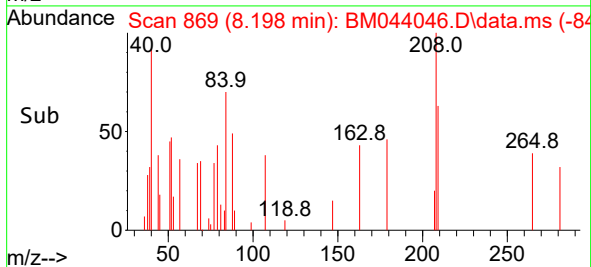
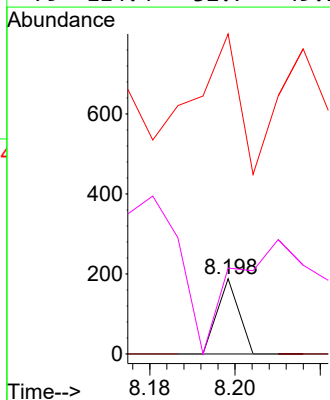
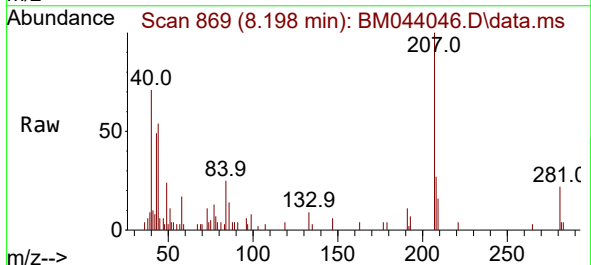
Instrument :
BNA_M
ClientSampleId :
PB158270BL

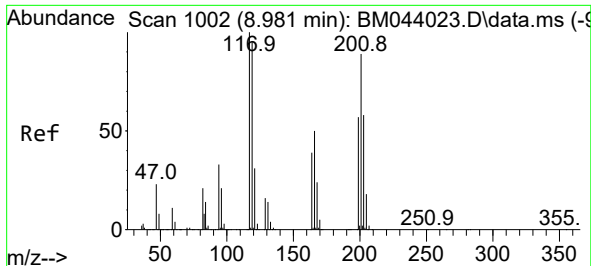
Tgt Ion: 45 Resp: 294
Ion Ratio Lower Upper
45 100
77 154.9 0.0 35.1#
79 0.0 0.0 31.5



#17
2-Methylphenol
Concen: 0.002 ng
RT: 8.198 min Scan# 869
Delta R.T. -0.159 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 107 Resp: 66
Ion Ratio Lower Upper
107 100
108 0.0 93.4 140.2#
77 425.5 34.7 52.1#
79 114.4 32.7 49.1#

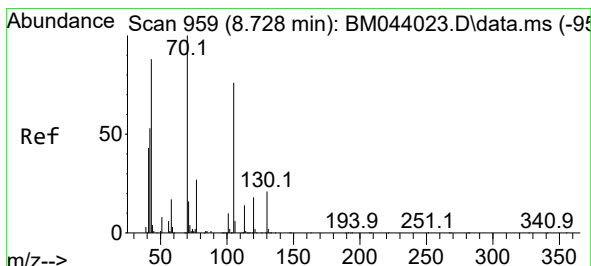
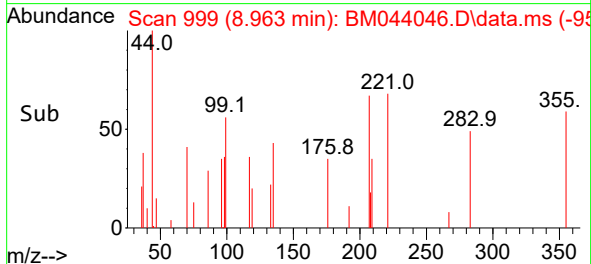
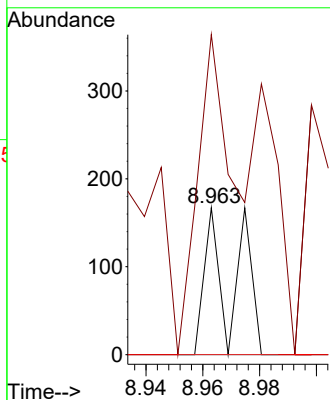
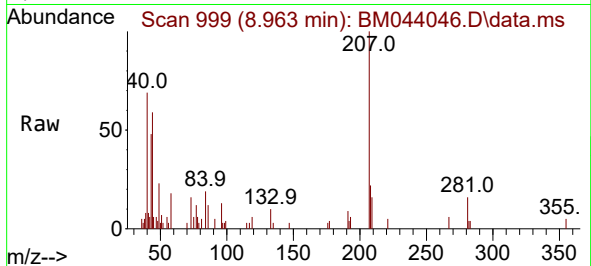




#18
Hexachloroethane
Concen: 0.008 ng
RT: 8.963 min Scan# 911
Delta R.T. -0.018 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

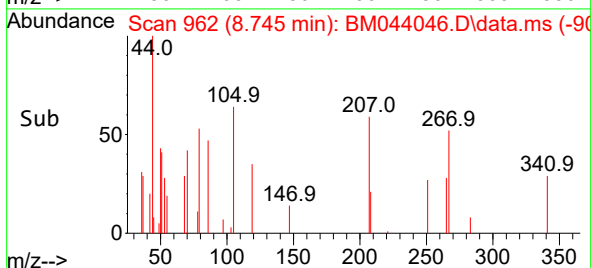
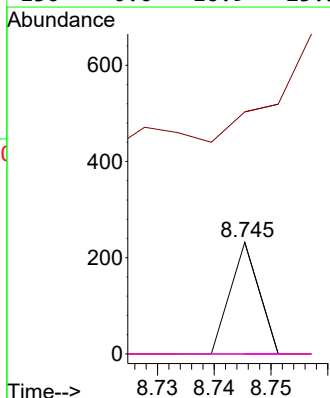
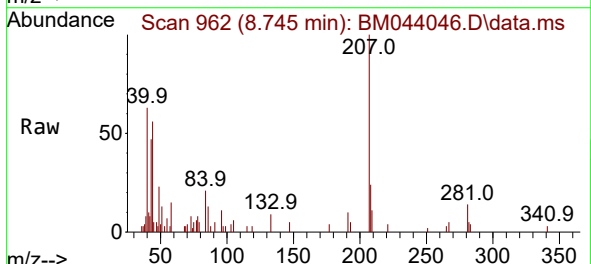
Instrument :
BNA_M
ClientSampleId :
PB158270BL

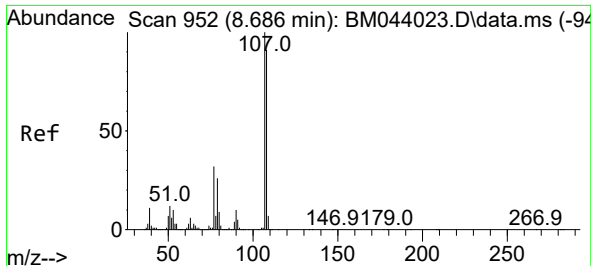
Tgt Ion:117 Resp: 118
Ion Ratio Lower Upper
117 100
119 218.0 75.7 113.5#
201 0.0 71.5 107.3#



#19
n-Nitroso-di-n-propylamine
Concen: 0.003 ng
RT: 8.745 min Scan# 962
Delta R.T. 0.018 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 70 Resp: 82
Ion Ratio Lower Upper
70 100
42 216.8 42.6 64.0#
101 0.0 7.8 11.6#
130 0.0 16.9 25.3#

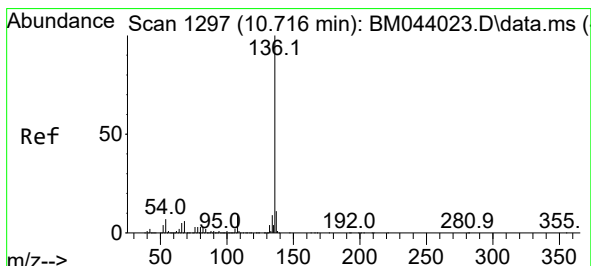
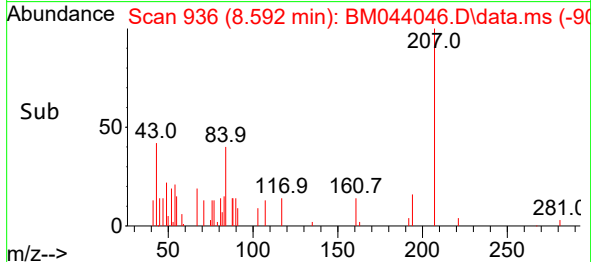
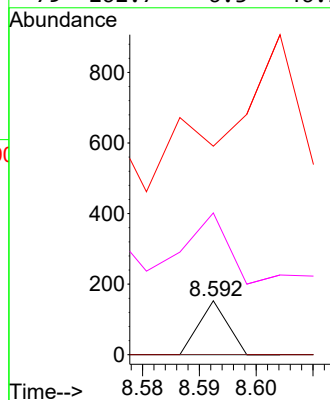
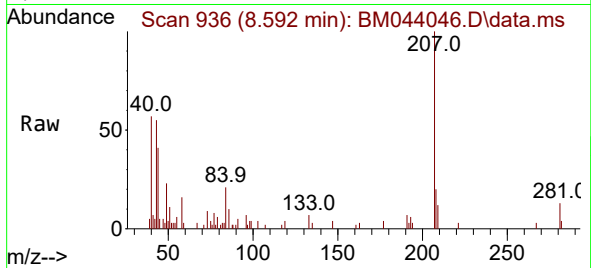




#20
3+4-Methylphenols
Concen: 0.001 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.094 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

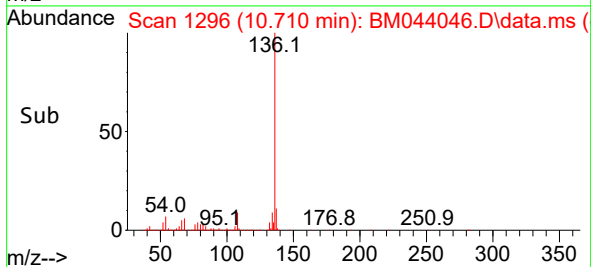
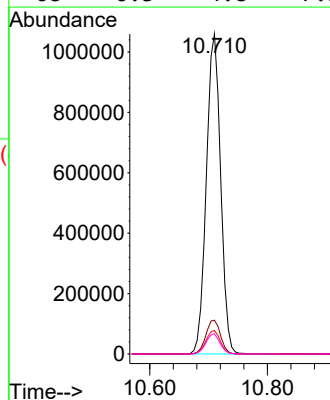
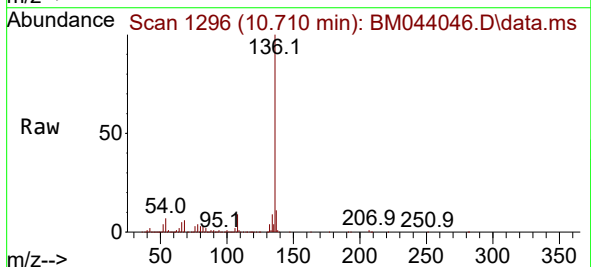
Instrument :
BNA_M
ClientSampleId :
PB158270BL

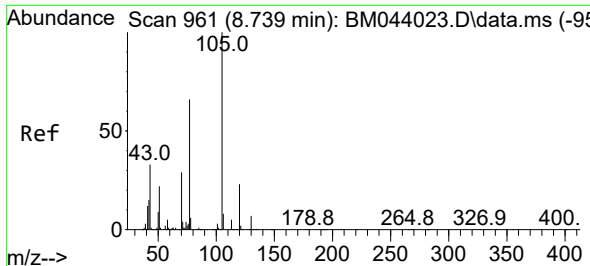
Tgt Ion:107 Resp: 54
Ion Ratio Lower Upper
107 100
108 0.0 71.5 111.5#
77 386.3 11.8 51.8#
79 262.7 6.3 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:136 Resp: 1783433
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.3 5.9 8.9
68 6.3 4.8 7.2

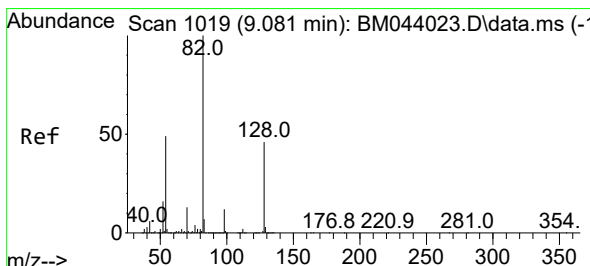
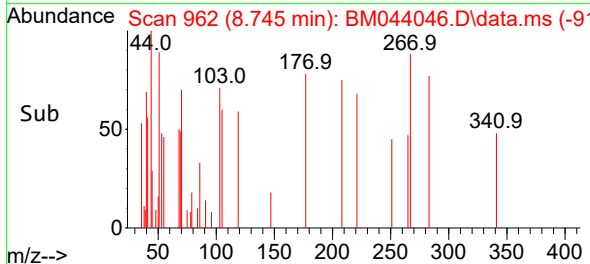
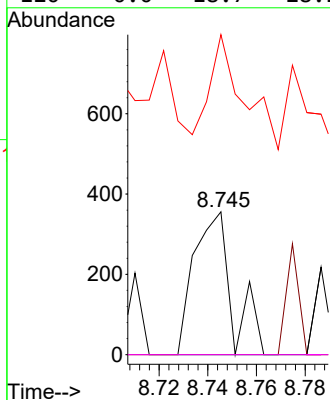
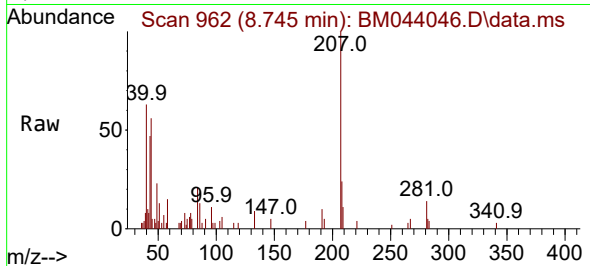




#22
Acetophenone
Concen: 0.009 ng
RT: 8.745 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

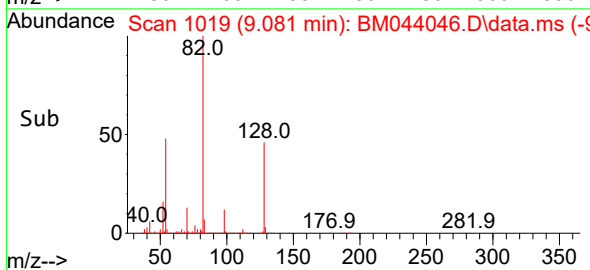
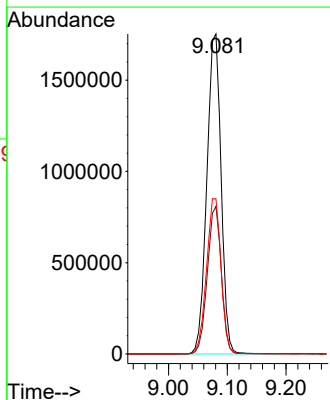
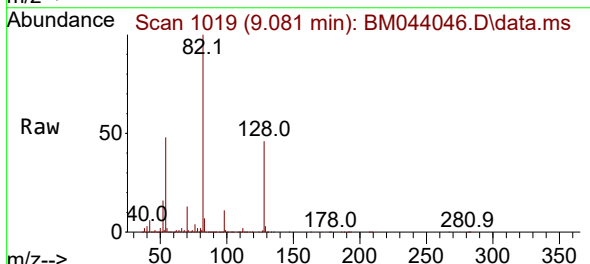
Instrument :
BNA_M
ClientSampleId :
PB158270BL

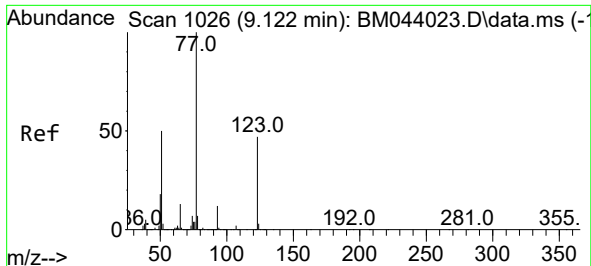
Tgt Ion:105 Resp: 387
Ion Ratio Lower Upper
105 100
71 0.0 4.0 6.0#
51 223.9 20.1 30.1#
120 0.0 18.7 28.1#



#23
Nitrobenzene-d5
Concen: 87.974 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 82 Resp: 2956763
Ion Ratio Lower Upper
82 100
128 46.1 37.1 55.7
54 48.5 38.9 58.3

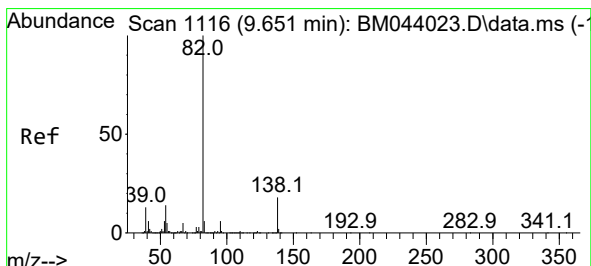
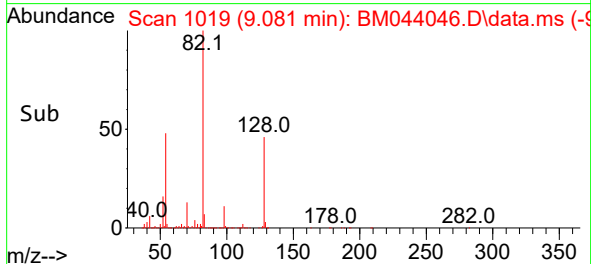
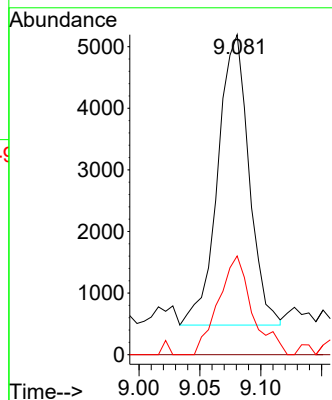
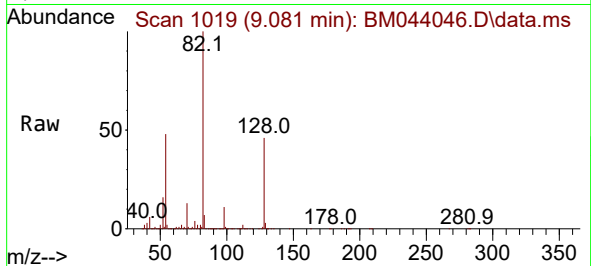




#24
Nitrobenzene
Concen: 0.244 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.041 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

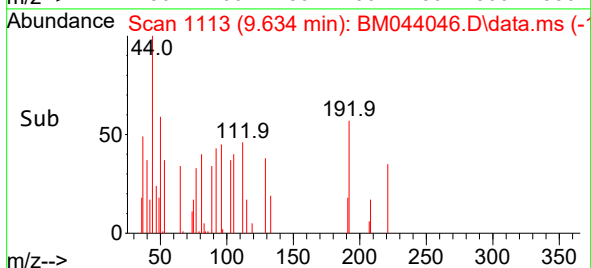
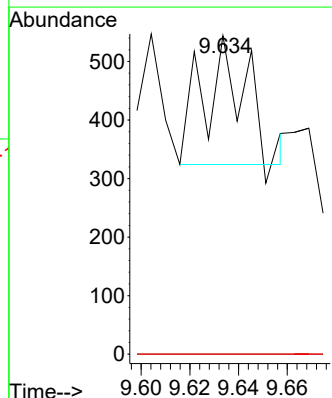
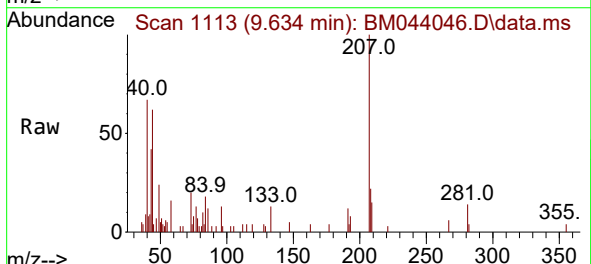
Instrument :
BNA_M
ClientSampleId :
PB158270BL

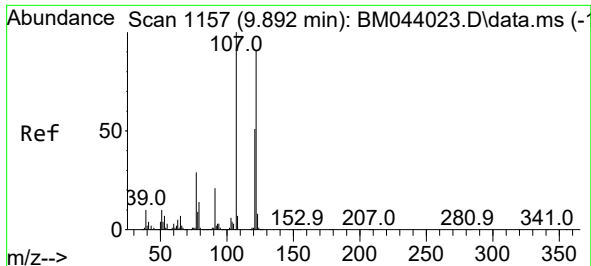
Tgt Ion: 77 Resp: 8405
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.8#
65 30.9 10.5 15.7#



#25
Isophorone
Concen: 0.004 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 82 Resp: 263
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: 9.998 min Scan# 1175

Delta R.T. 0.106 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

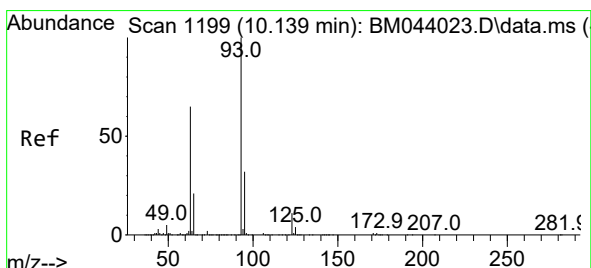
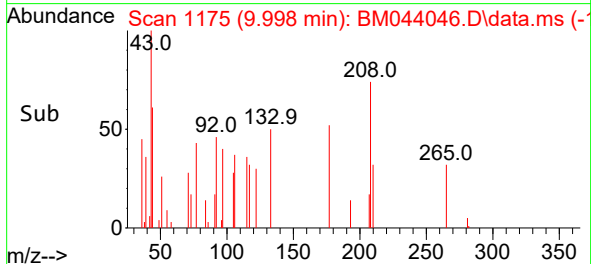
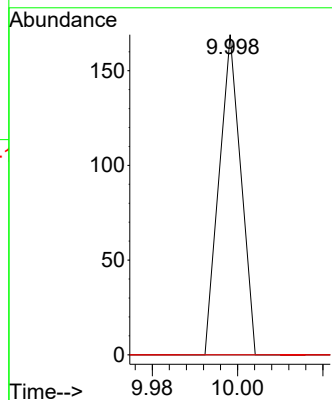
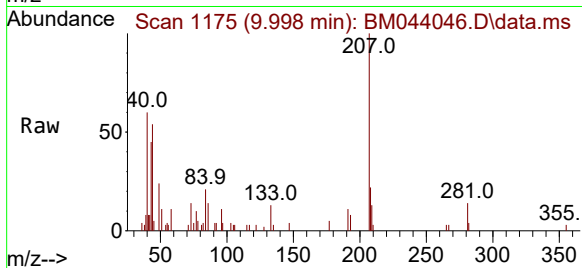
Tgt Ion:122 Resp: 60

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: 0.002 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

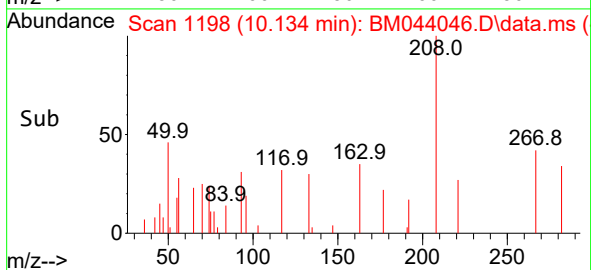
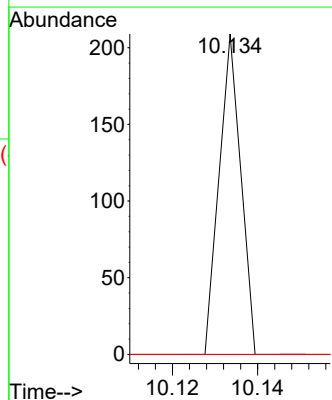
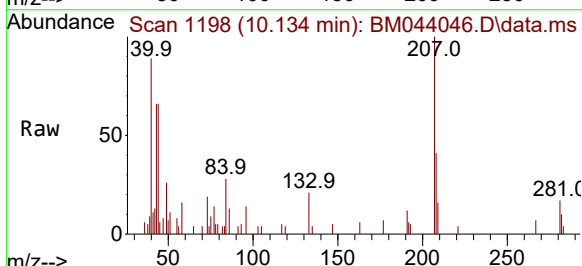
Tgt Ion: 93 Resp: 74

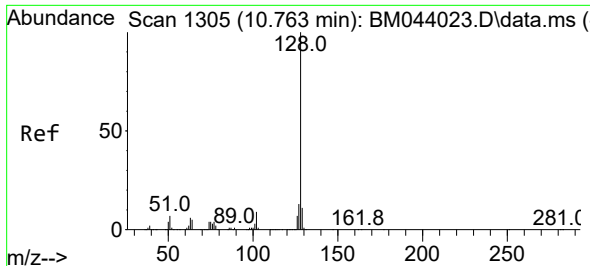
Ion Ratio Lower Upper

93 100

95 0.0 26.0 39.0#

123 0.0 9.2 13.8#

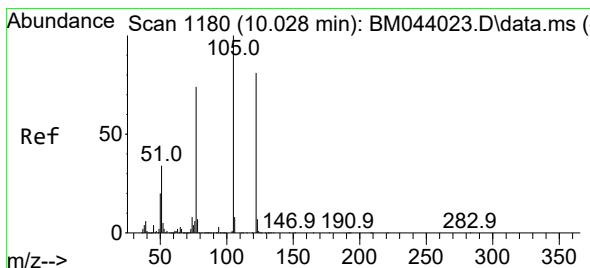
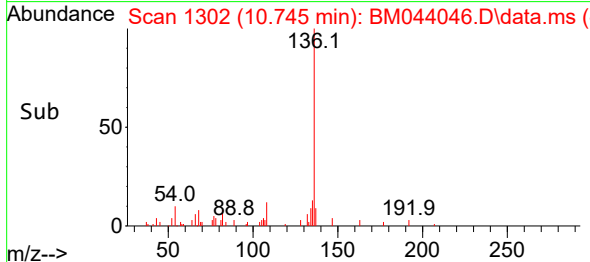
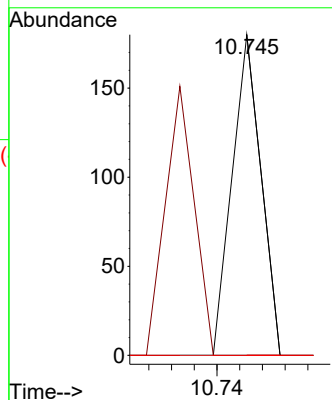
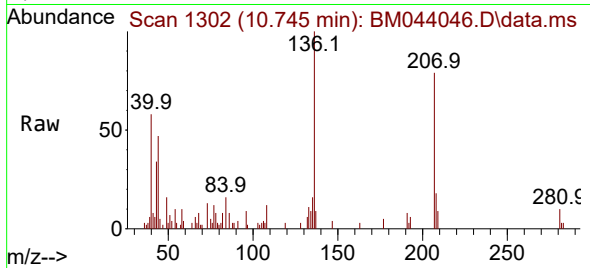




#31
Naphthalene
Concen: 0.001 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

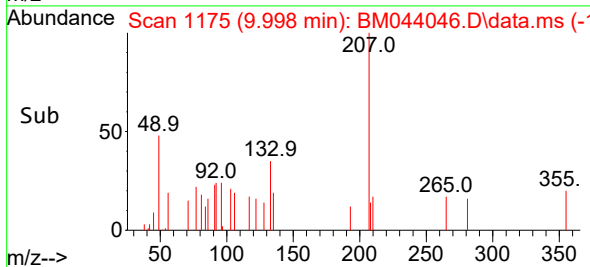
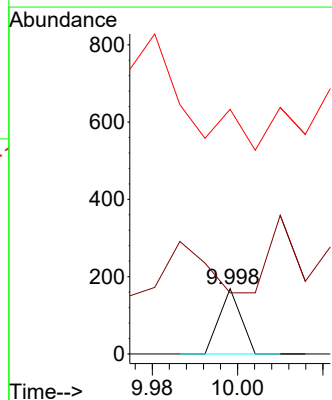
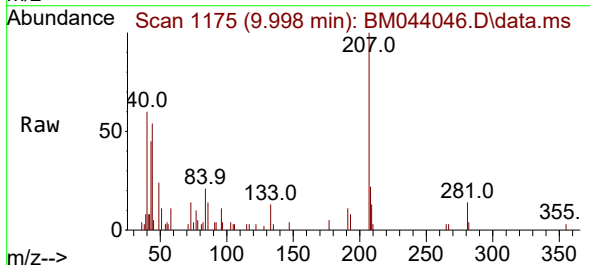
Instrument :
BNA_M
ClientSampleId :
PB158270BL

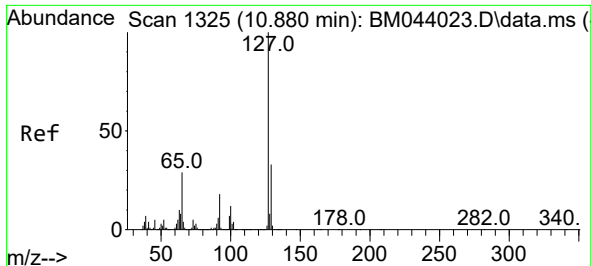
Tgt Ion:128 Resp: 64
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.3 15.5#



#32
Benzoic acid
Concen: 0.003 ng
RT: 9.998 min Scan# 1175
Delta R.T. -0.030 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 93.5 100.1 140.1#
77 374.6 69.6 109.6#

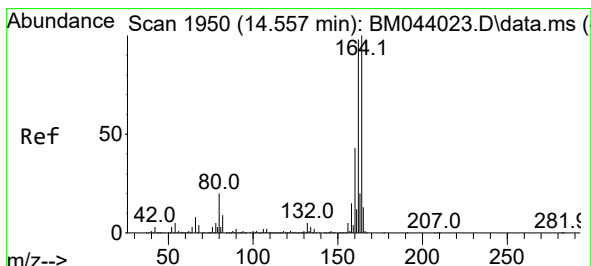
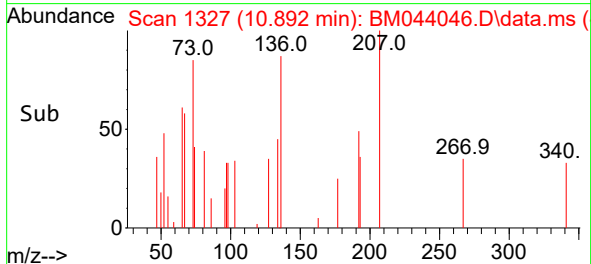
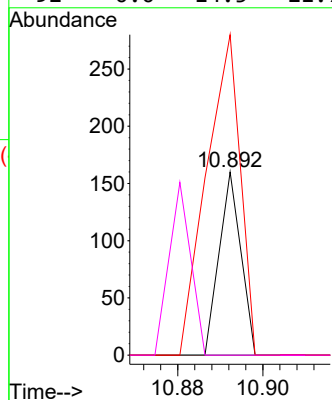
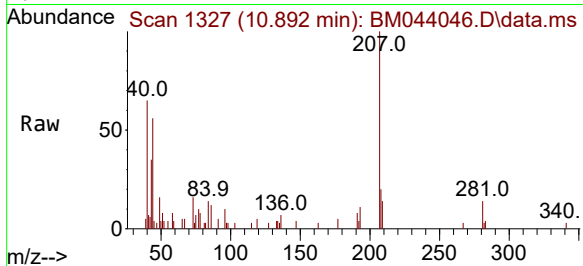




#33
4-Chloroaniline
Concen: 0.002 ng
RT: 10.892 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

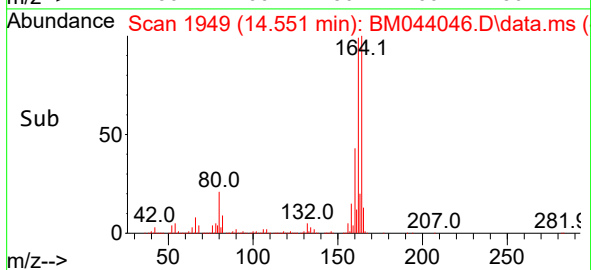
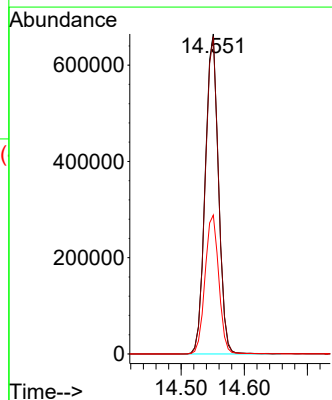
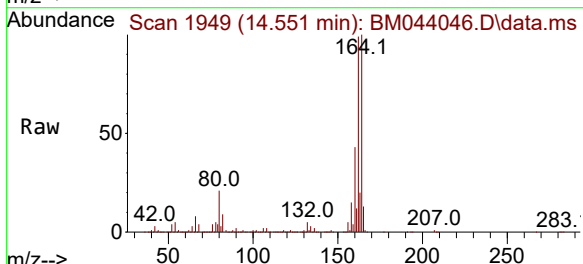
Instrument :
BNA_M
ClientSampleId :
PB158270BL

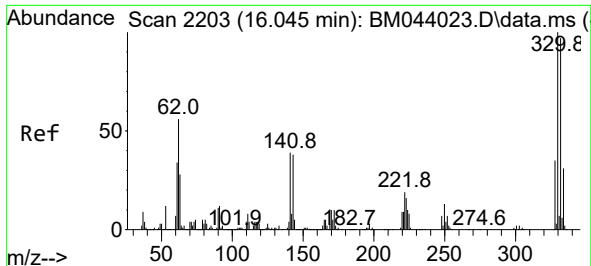
Tgt Ion:	127	Resp:	56
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.0	39.0#
65	175.0	23.0	34.6#
92	0.0	14.5	21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:	164	Resp:	969182
Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.4	117.6
160	43.4	34.6	51.8

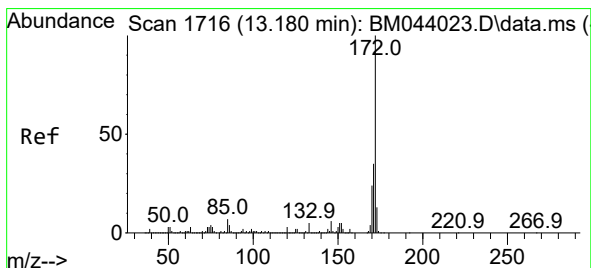
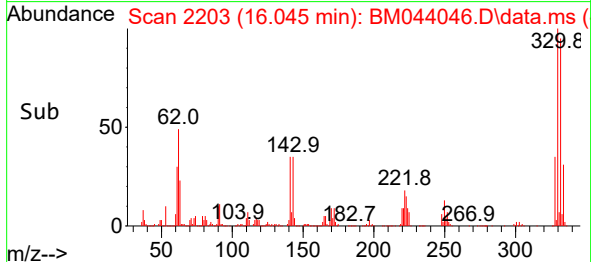
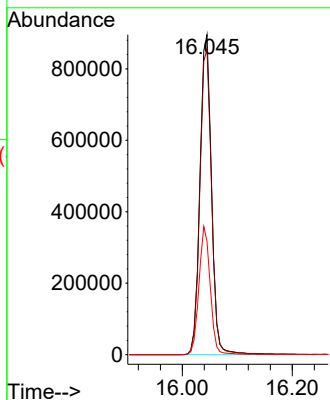
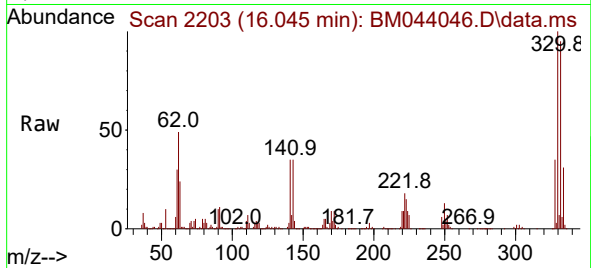




#42
2,4,6-Tribromophenol
Concen: 125.136 ng
RT: 16.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

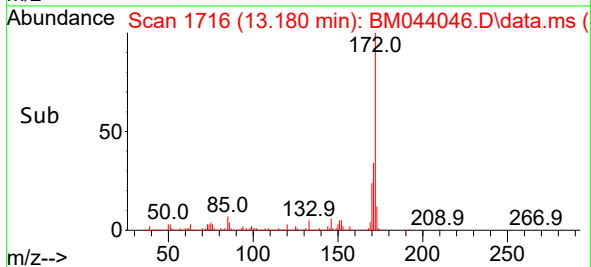
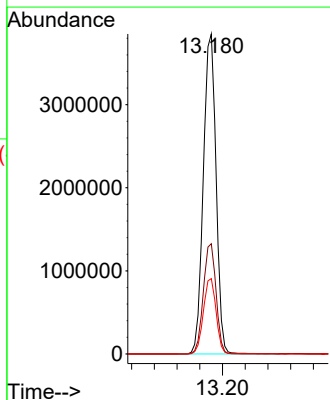
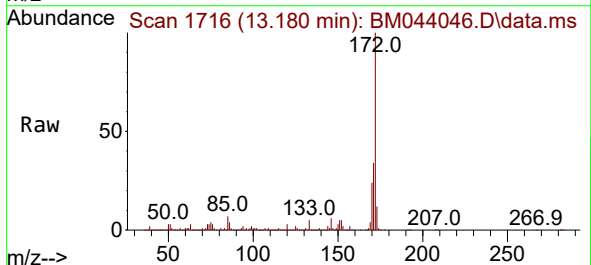
Instrument :
BNA_M
ClientSampleId :
PB158270BL

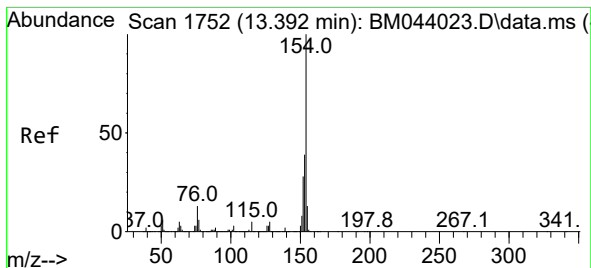
Tgt Ion:330 Resp: 1313122
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 39.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 86.902 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:172 Resp: 5967745
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.5 19.0 28.4





#46

1,1'-Biphenyl

Concen: 0.153 ng

RT: 13.174 min Scan# 1

Delta R.T. -0.218 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

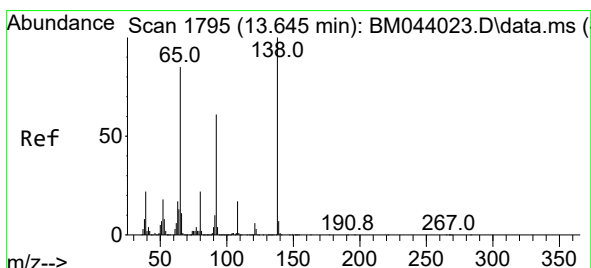
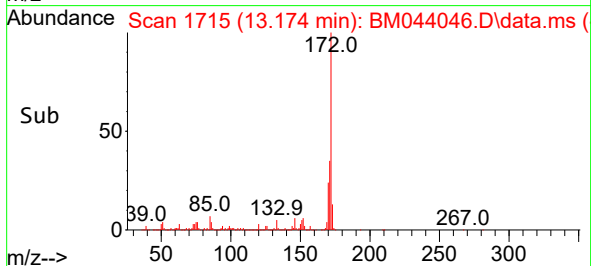
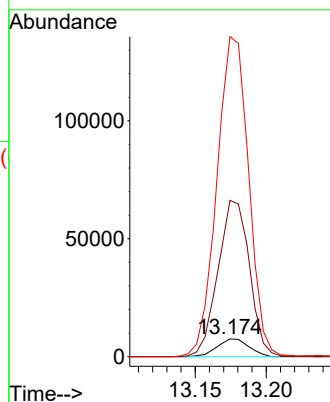
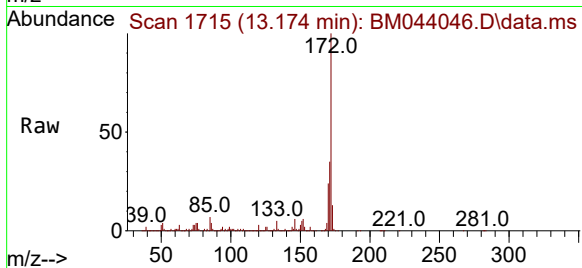
Tgt Ion:154 Resp: 11727

Ion Ratio Lower Upper

154 100

153 881.0 19.4 59.4#

76 1802.6 0.0 32.9#



#48

2-Nitroaniline

Concen: 0.008 ng

RT: 13.598 min Scan# 1787

Delta R.T. -0.047 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

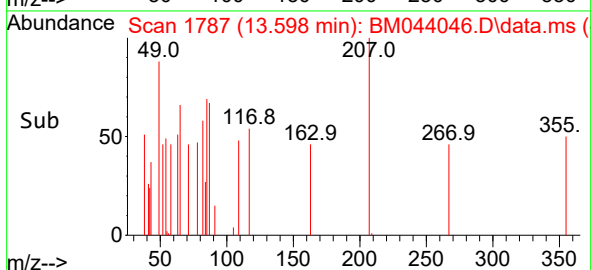
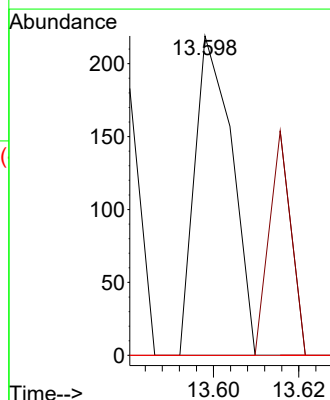
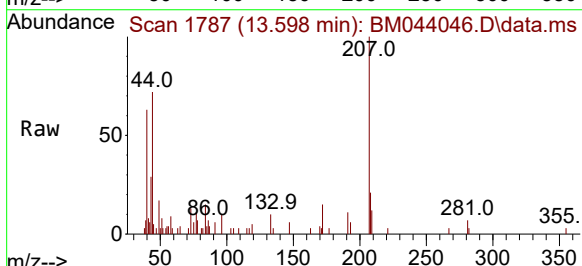
Tgt Ion: 65 Resp: 133

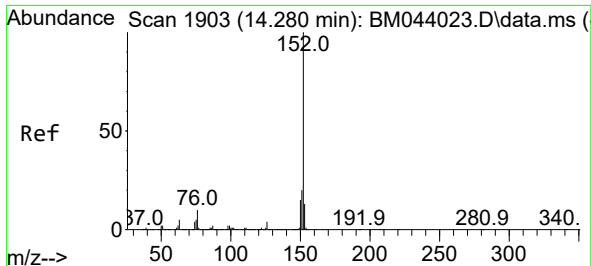
Ion Ratio Lower Upper

65 100

92 0.0 58.1 87.1#

138 0.0 94.6 142.0#

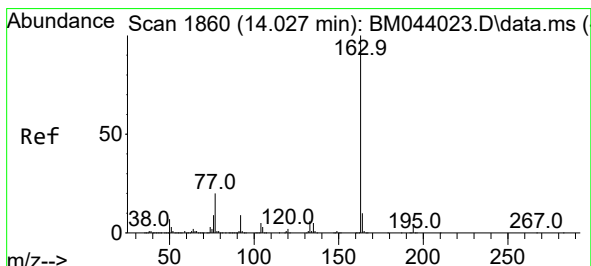
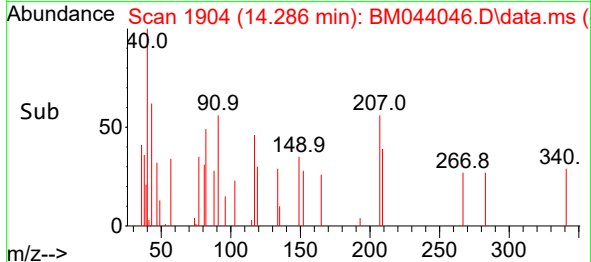
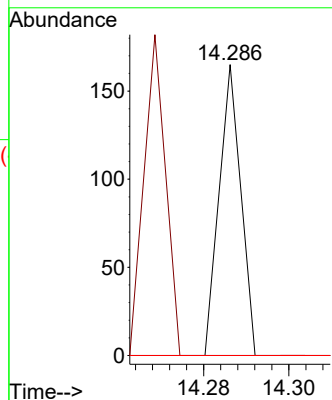
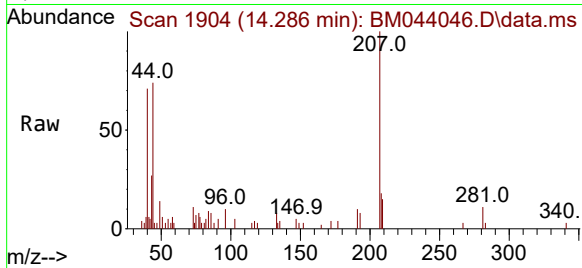




#49
Acenaphthylene
Concen: 0.001 ng
RT: 14.286 min Scan# 1904
Delta R.T. 0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

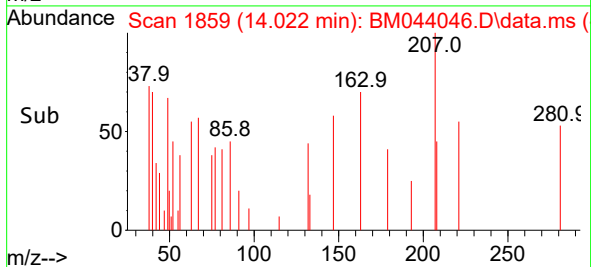
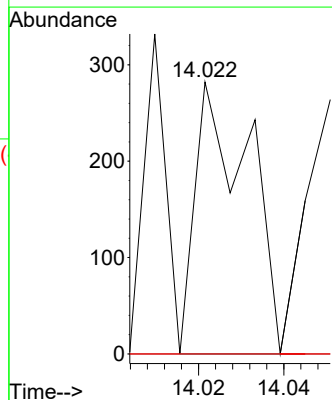
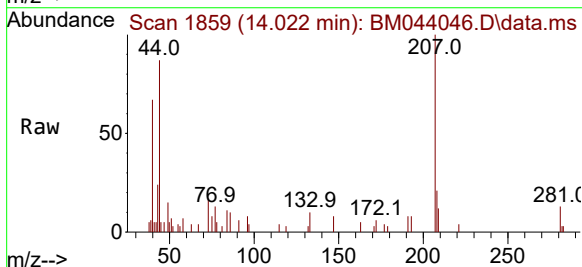
Instrument :
BNA_M
ClientSampleId :
PB158270BL

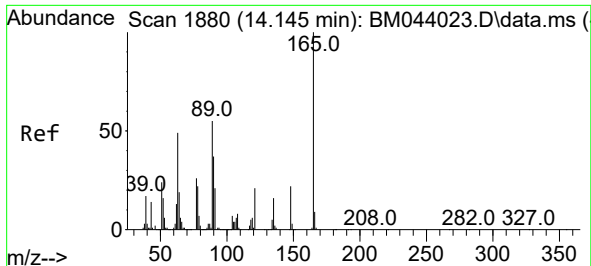
Tgt Ion:152 Resp: 58
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.6#
153 0.0 10.5 15.7#



#50
Dimethylphthalate
Concen: 0.003 ng
RT: 14.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:163 Resp: 244
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 0.0 8.2 12.2#

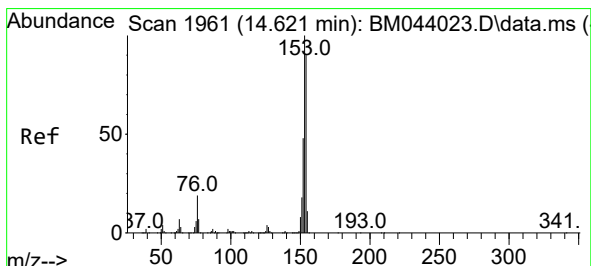
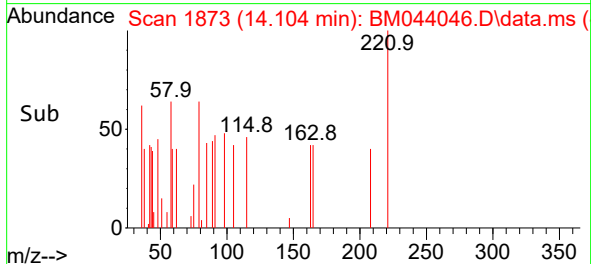
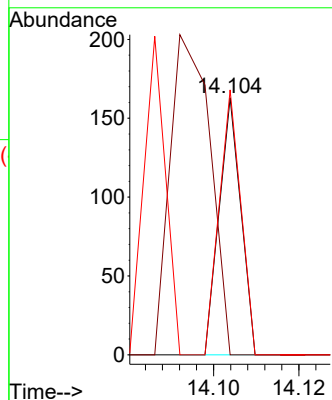
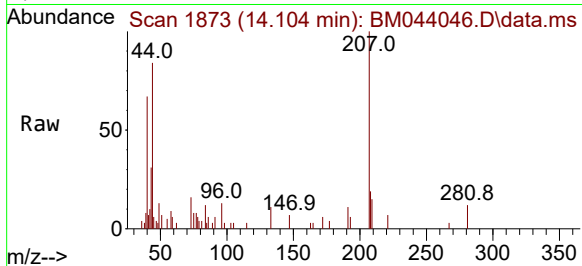




#51
2,6-Dinitrotoluene
Concen: 0.004 ng
RT: 14.104 min Scan# 11
Delta R.T. -0.041 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

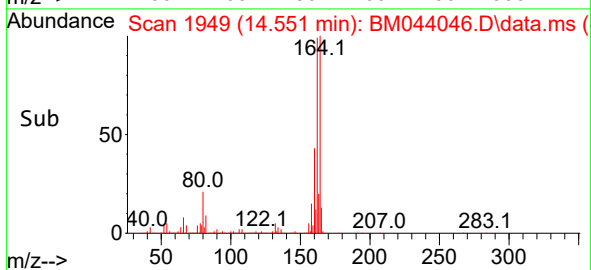
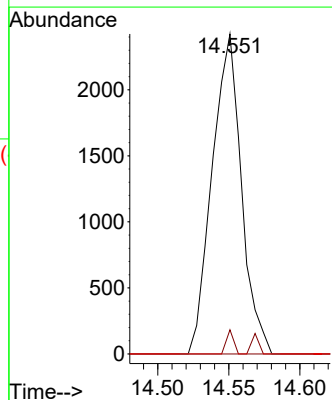
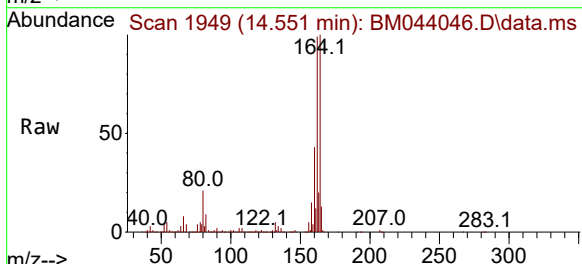
Instrument :
BNA_M
ClientSampleId :
PB158270BL

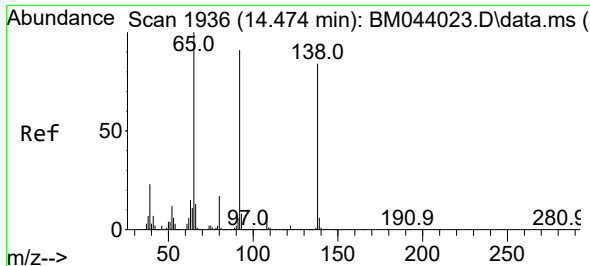
Tgt Ion:165 Resp: 57
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 103.1 44.4 66.6#



#52
Acenaphthene
Concen: 0.062 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.070 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:154 Resp: 3473
Ion Ratio Lower Upper
154 100
153 7.6 89.3 133.9#
152 0.0 43.0 64.6#

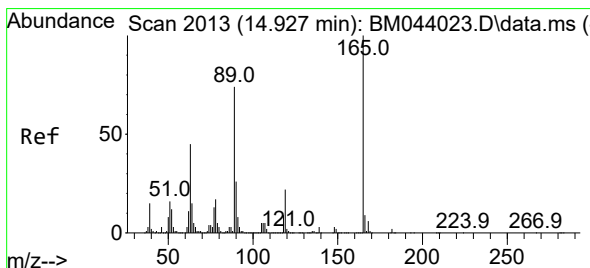
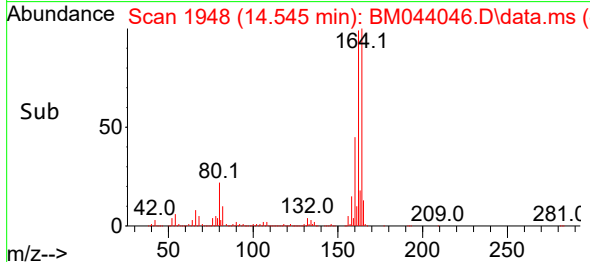
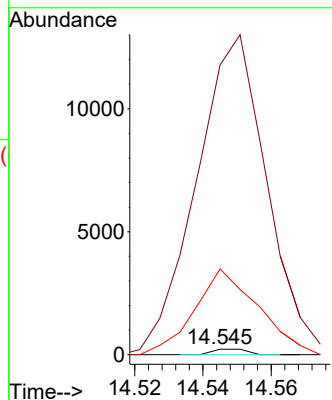
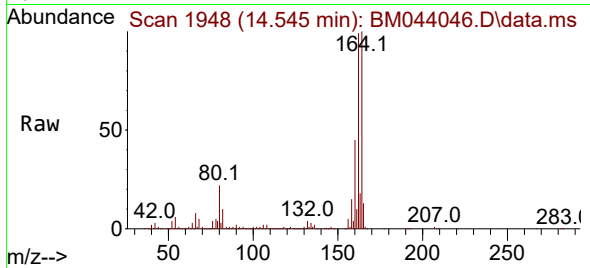




#53
3-Nitroaniline
Concen: 0.009 ng
RT: 14.545 min Scan# 11
Delta R.T. 0.071 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

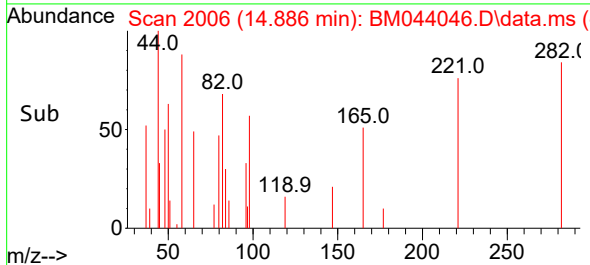
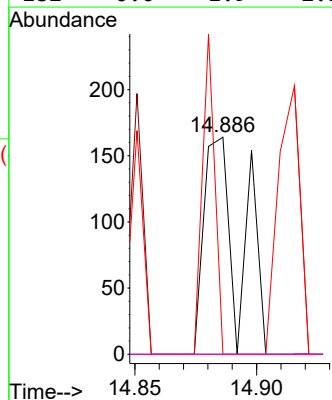
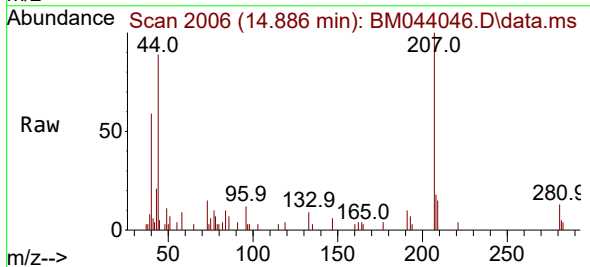
Instrument :
BNA_M
ClientSampleId :
PB158270BL

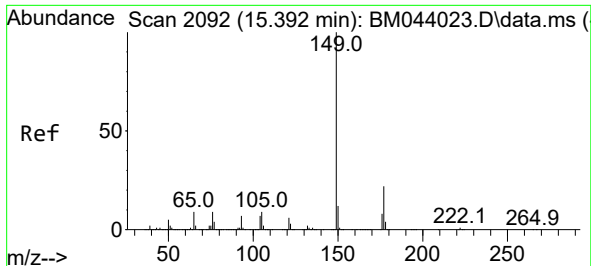
Tgt Ion:138 Resp: 155
Ion Ratio Lower Upper
138 100
108 5354.5 7.6 11.4#
92 1584.1 86.5 129.7#



#57
2,4-Dinitrotoluene
Concen: 0.008 ng
RT: 14.886 min Scan# 2006
Delta R.T. -0.041 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:165 Resp: 168
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#

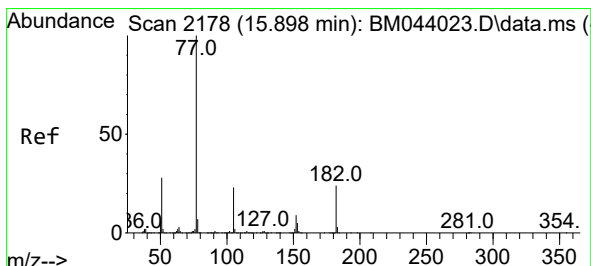
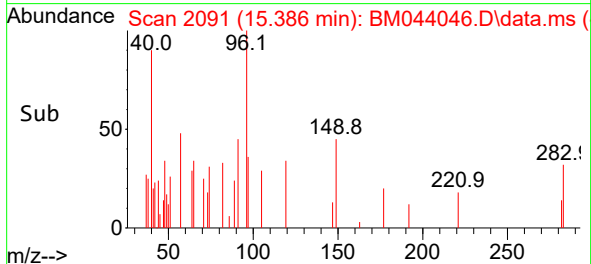
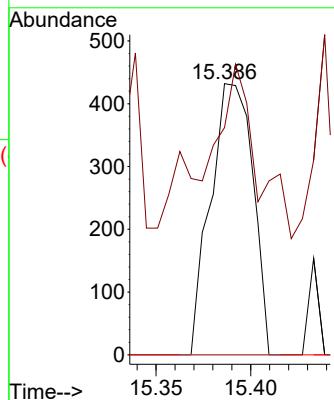
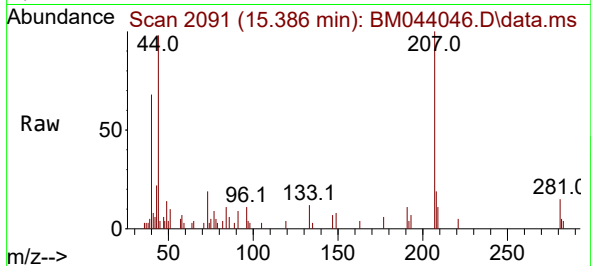




#60
Diethylphthalate
Concen: 0.009 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

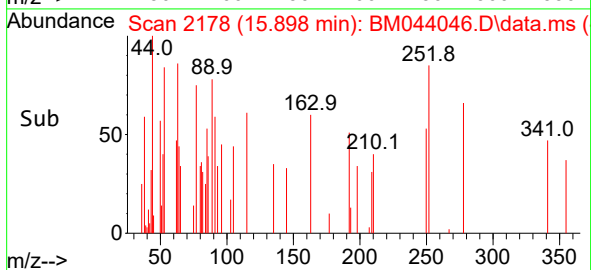
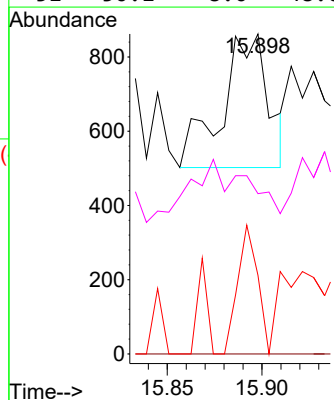
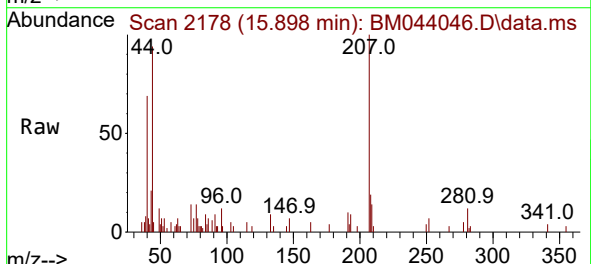
Instrument :
BNA_M
ClientSampleId :
PB158270BL

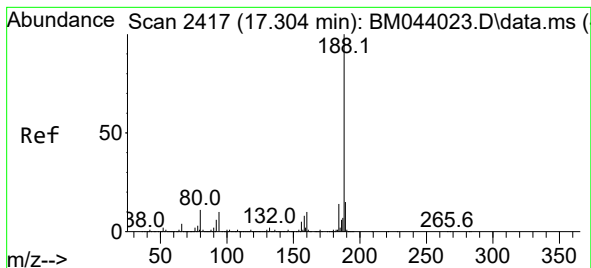
Tgt Ion:149 Resp: 671
Ion Ratio Lower Upper
149 100
177 83.8 17.5 26.3#
150 0.0 9.8 14.6#



#63
Azobenzene
Concen: 0.009 ng
RT: 15.898 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 77 Resp: 614
Ion Ratio Lower Upper
77 100
182 0.0 4.0 44.0#
105 24.6 3.3 43.3
51 50.1 8.0 48.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

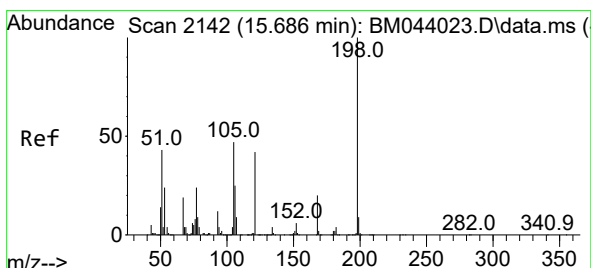
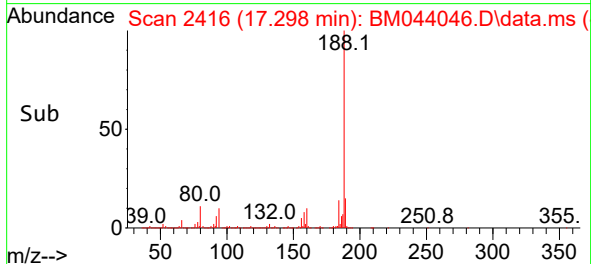
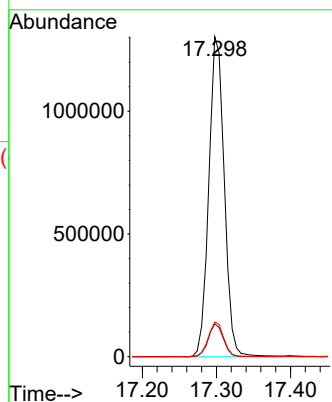
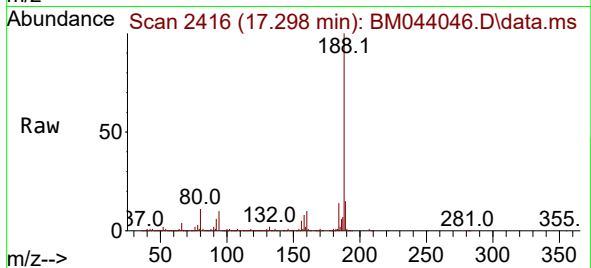
Tgt Ion:188 Resp: 1890857

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.8 8.8 13.2



#65

4,6-Dinitro-2-methylphenol

Concen: 0.032 ng

RT: 15.892 min Scan# 2177

Delta R.T. 0.206 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

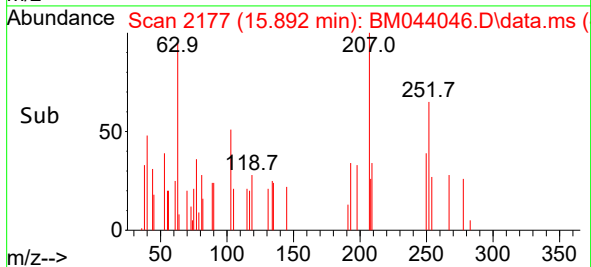
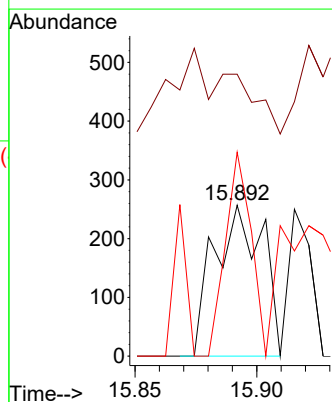
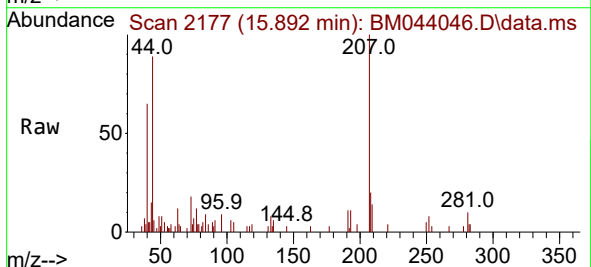
Tgt Ion:198 Resp: 356

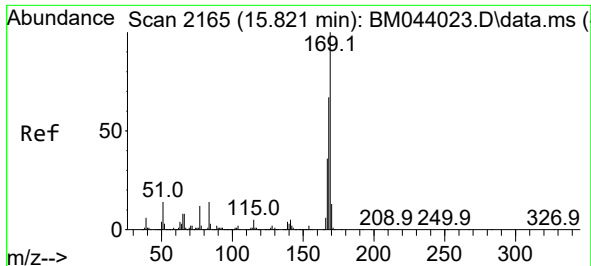
Ion Ratio Lower Upper

198 100

51 186.8 29.9 69.9#

105 135.0 28.7 68.7#

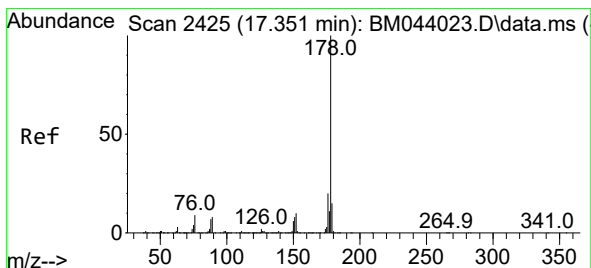
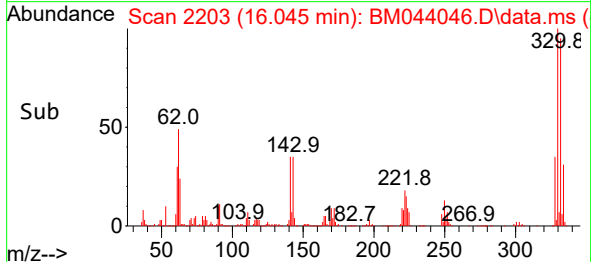
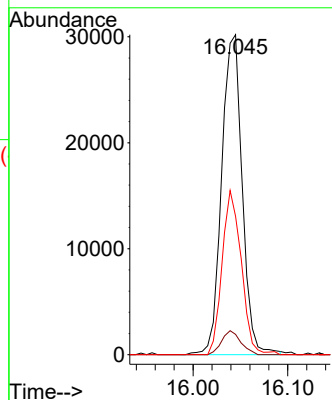
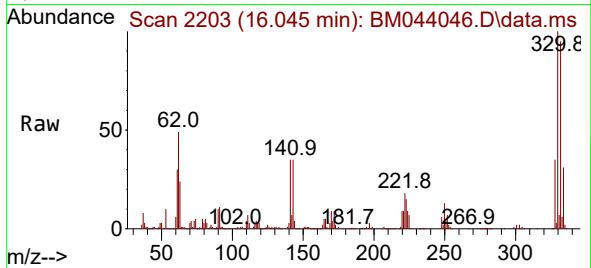




#66
 n-Nitrosodiphenylamine
 Concen: 0.793 ng
 RT: 16.045 min Scan# 2165
 Delta R.T. 0.224 min
 Lab File: BM044046.D
 Acq: 09 Feb 2024 19:06

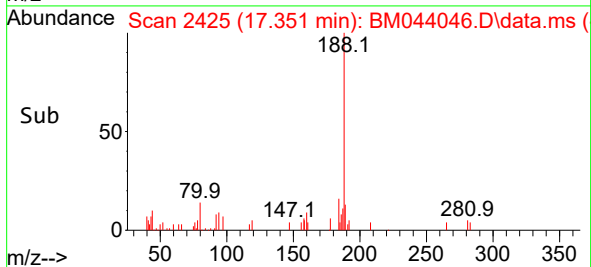
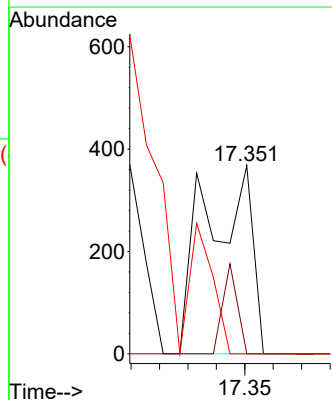
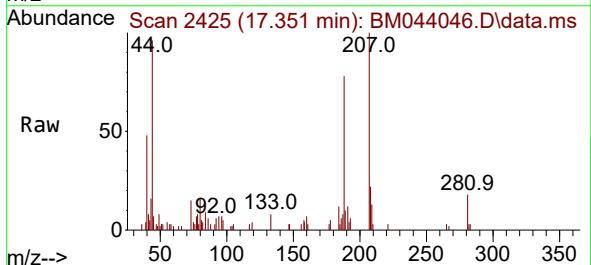
Instrument :
 BNA_M
 ClientSampleId :
 PB158270BL

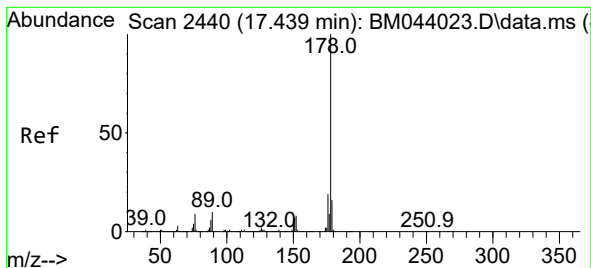
Tgt Ion:169 Resp: 45579
 Ion Ratio Lower Upper
 169 100
 168 6.3 53.8 80.8#
 167 43.3 29.2 43.8



#71
 Phenanthrene
 Concen: 0.004 ng
 RT: 17.351 min Scan# 2425
 Delta R.T. 0.000 min
 Lab File: BM044046.D
 Acq: 09 Feb 2024 19:06

Tgt Ion:178 Resp: 409
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.6 23.4#
 179 0.0 12.2 18.4#





#72

Anthracene

Concen: 0.002 ng

RT: 17.433 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

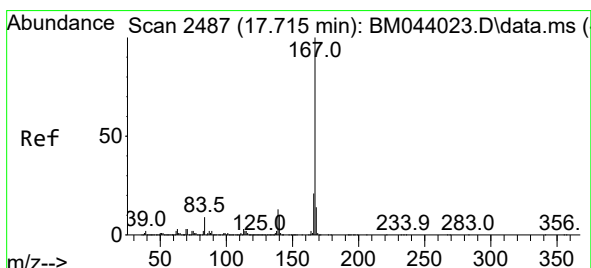
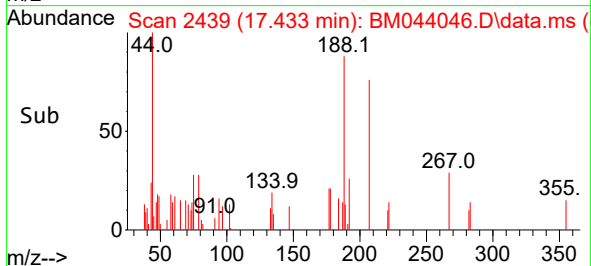
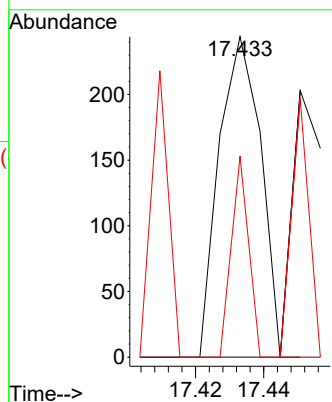
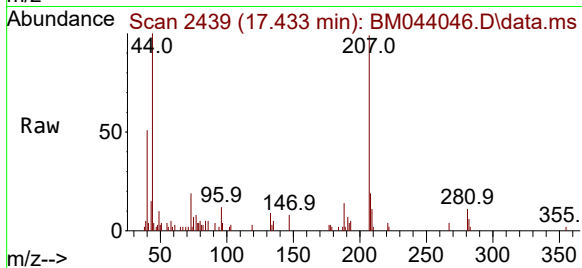
Tgt Ion:178 Resp: 207

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

179 62.7 12.4 18.6#



#73

Carbazole

Concen: 0.001 ng

RT: 17.727 min Scan# 2489

Delta R.T. 0.012 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

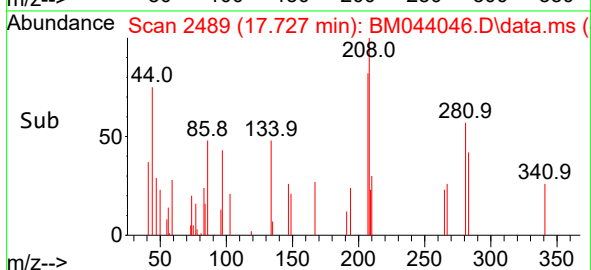
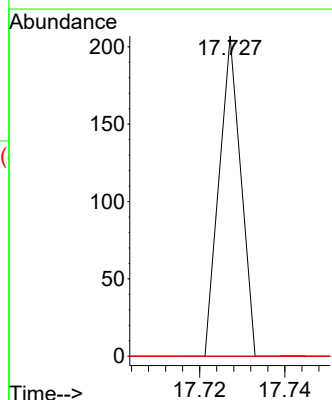
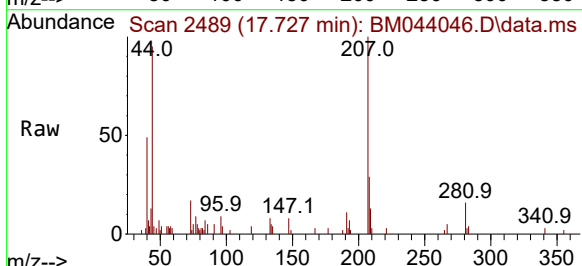
Tgt Ion:167 Resp: 73

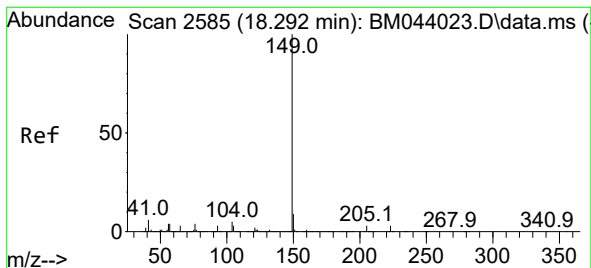
Ion Ratio Lower Upper

167 100

166 0.0 16.8 25.2#

139 0.0 10.4 15.6#





#74

Di-n-butylphthalate

Concen: 0.012 ng

RT: 18.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

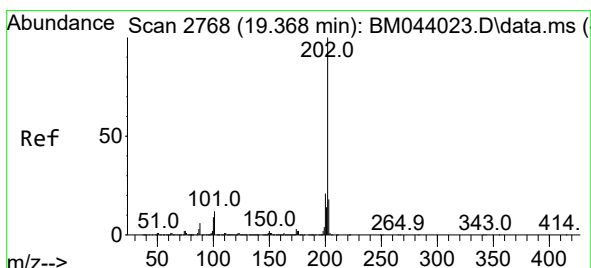
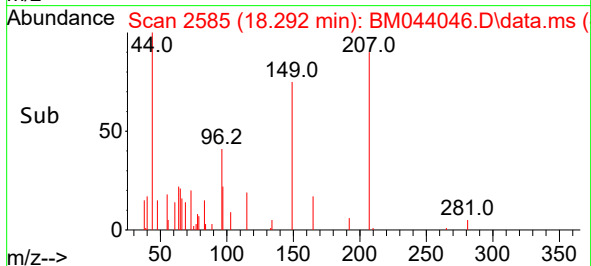
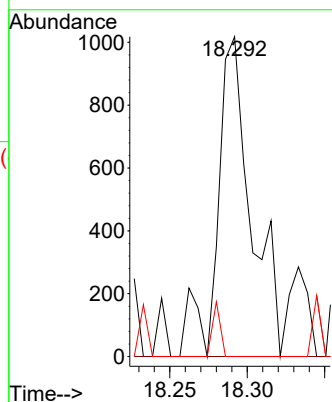
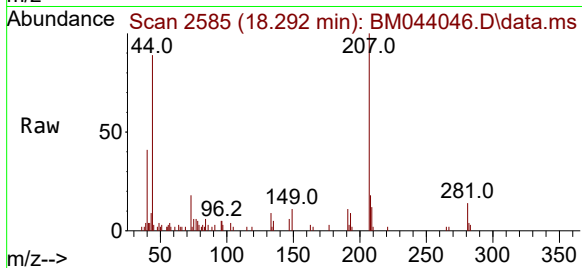
Tgt Ion:149 Resp: 1542

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

104 0.0 3.8 5.6#



#75

Fluoranthene

Concen: 0.003 ng

RT: 19.374 min Scan# 2769

Delta R.T. 0.006 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

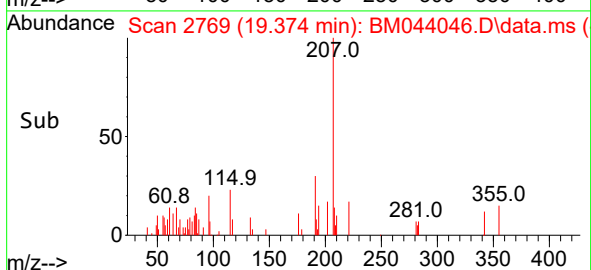
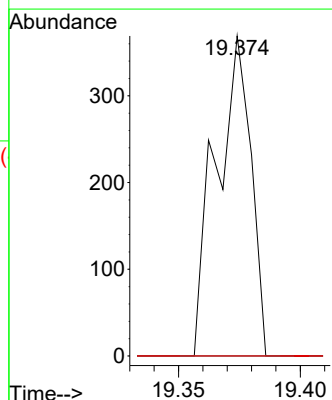
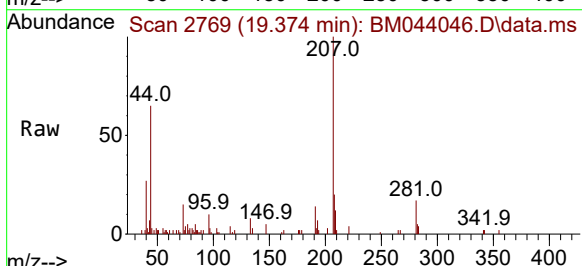
Tgt Ion:202 Resp: 368

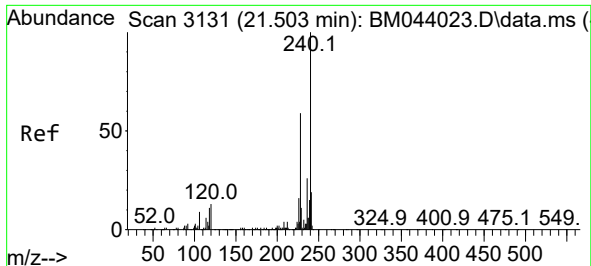
Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.4

203 0.0 0.0 37.8

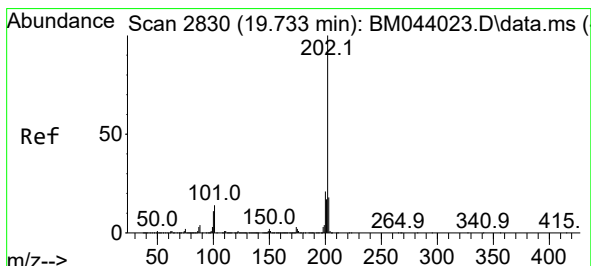
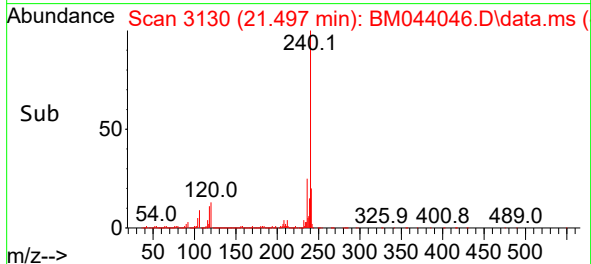
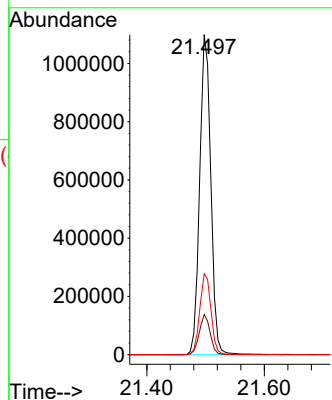
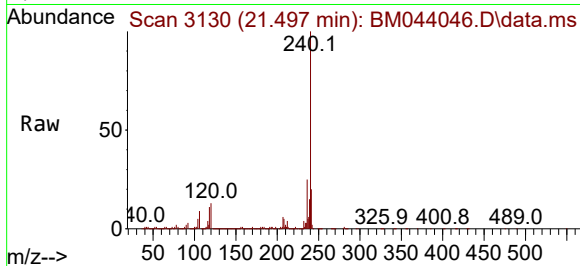




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

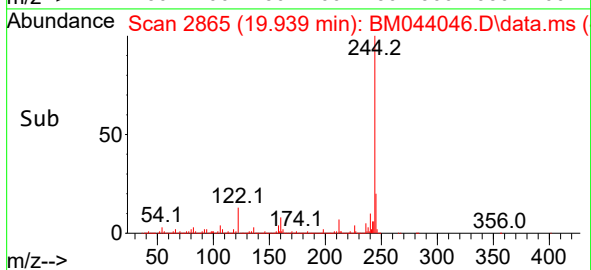
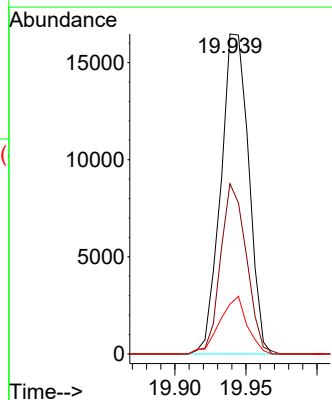
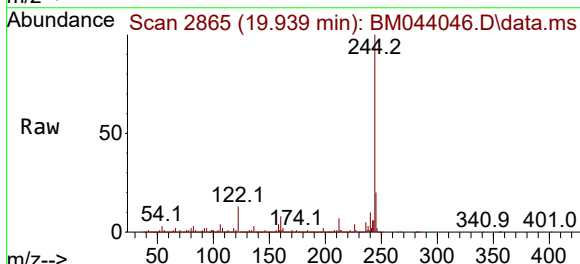
Instrument :
BNA_M
ClientSampleId :
PB158270BL

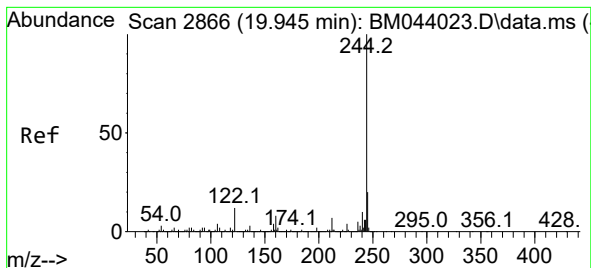
Tgt Ion:240 Resp: 1442834
Ion Ratio Lower Upper
240 100
120 12.5 10.1 15.1
236 25.3 20.6 31.0



#78
Pyrene
Concen: 0.202 ng
RT: 19.939 min Scan# 2865
Delta R.T. 0.206 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:202 Resp: 22491
Ion Ratio Lower Upper
202 100
200 53.2 16.8 25.2#
203 15.6 14.0 21.0





#79

Terphenyl-d14

Concen: 87.918 ng

RT: 19.945 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

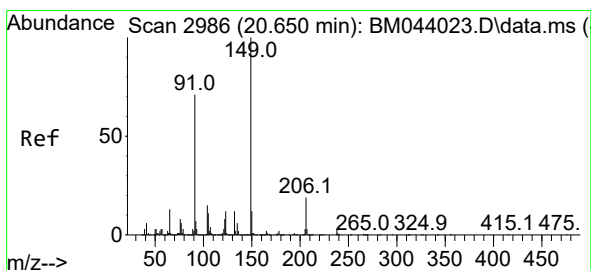
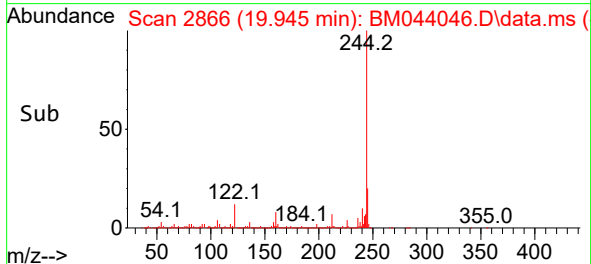
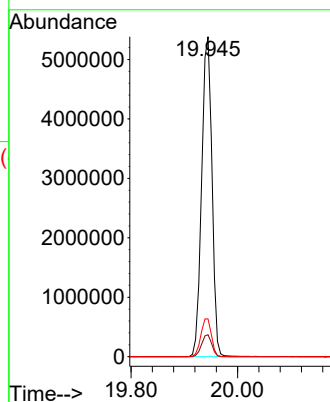
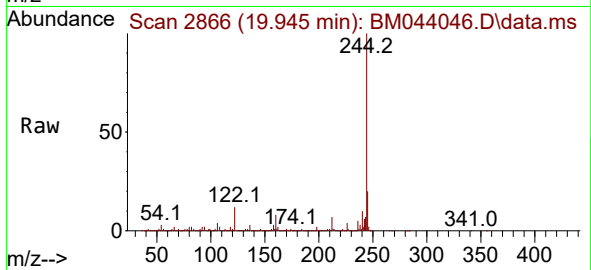
Tgt Ion:244 Resp: 7236072

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.8 9.5 14.3



#80

Butylbenzylphthalate

Concen: 0.013 ng

RT: 20.633 min Scan# 2983

Delta R.T. -0.018 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

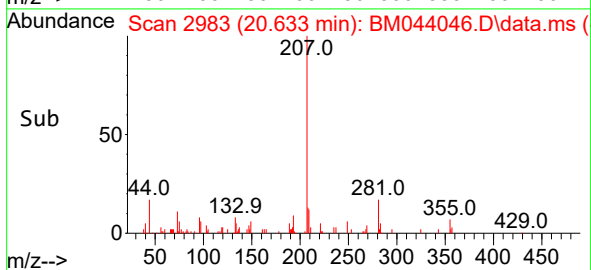
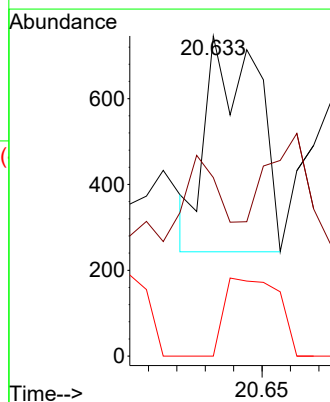
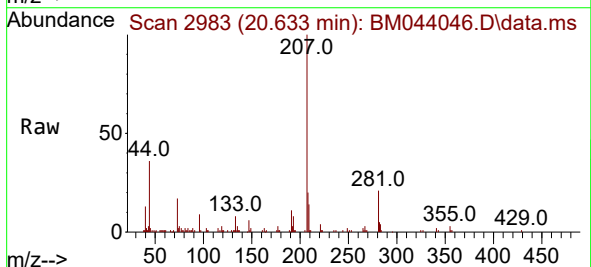
Tgt Ion:149 Resp: 631

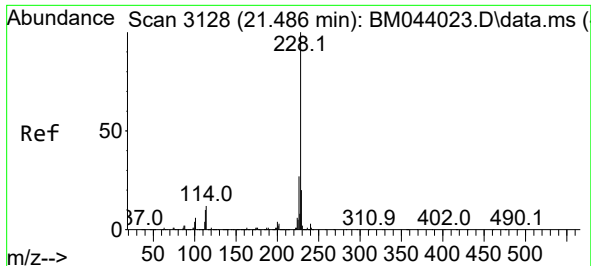
Ion Ratio Lower Upper

149 100

91 55.8 56.8 85.2#

206 0.0 15.0 22.6#

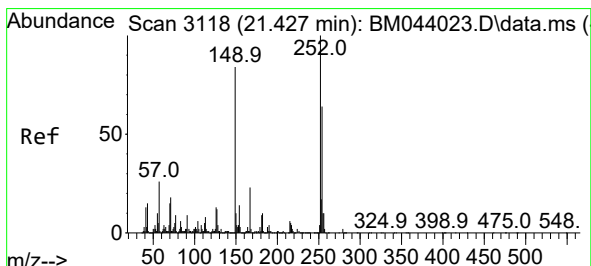
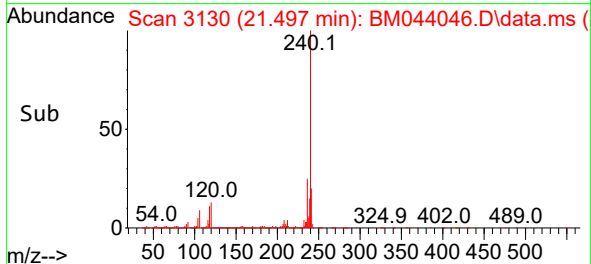
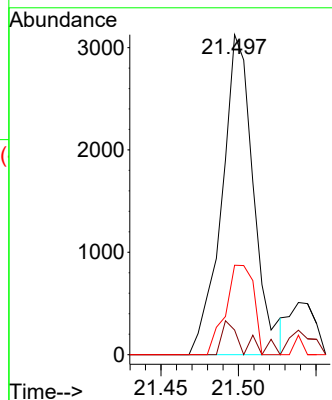
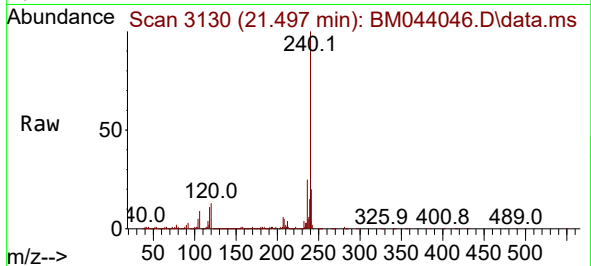




#81
Benzo(a)anthracene
Concen: 0.044 ng
RT: 21.497 min Scan# 3116
Delta R.T. 0.012 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

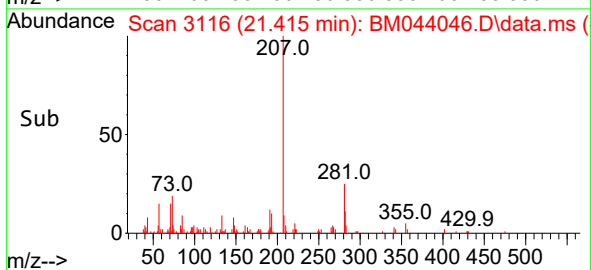
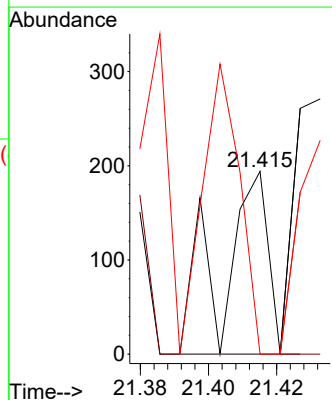
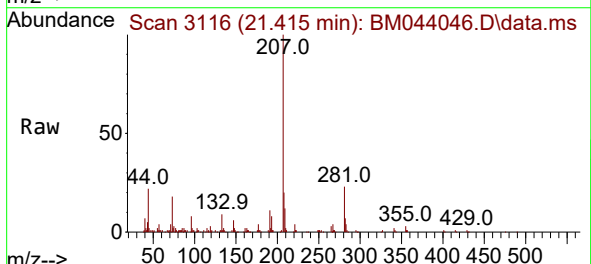
Instrument :
BNA_M
ClientSampleId :
PB158270BL

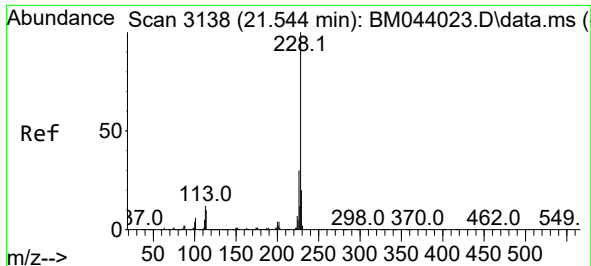
Tgt Ion:228 Resp: 4447
Ion Ratio Lower Upper
228 100
226 7.7 21.4 32.2#
229 28.0 15.9 23.9#



#82
3,3'-Dichlorobenzidine
Concen: 0.005 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:252 Resp: 181
Ion Ratio Lower Upper
252 100
254 0.0 51.2 76.8#
126 0.0 10.2 15.4#

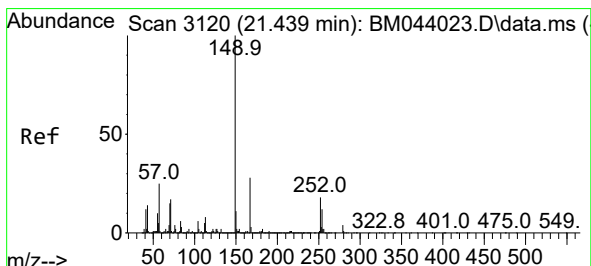
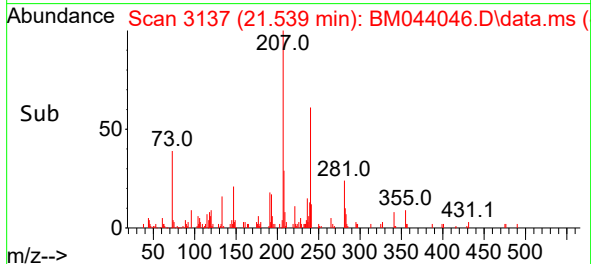
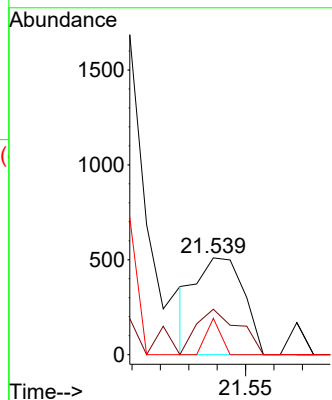
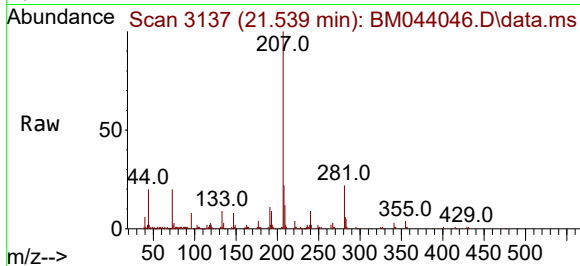




#83
Chrysene
Concen: 0.006 ng
RT: 21.539 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

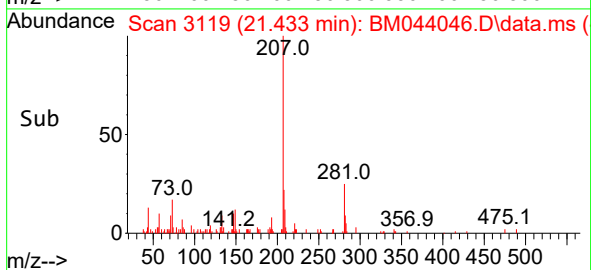
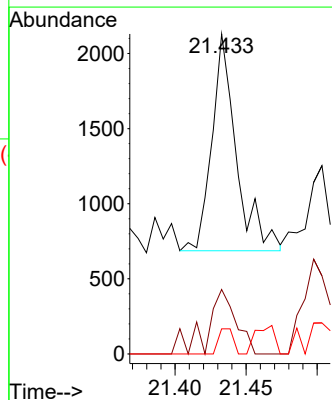
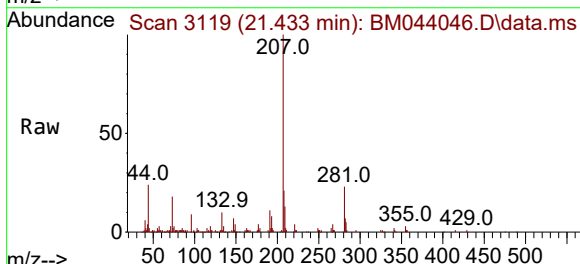
Instrument :
BNA_M
ClientSampleId :
PB158270BL

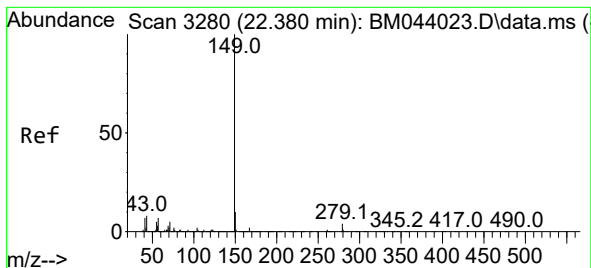
Tgt Ion:228 Resp: 594
Ion Ratio Lower Upper
228 100
226 46.9 24.2 36.2#
229 37.5 15.8 23.8#



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.024 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:149 Resp: 1726
Ion Ratio Lower Upper
149 100
167 20.1 22.6 33.8#
279 7.8 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.368 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

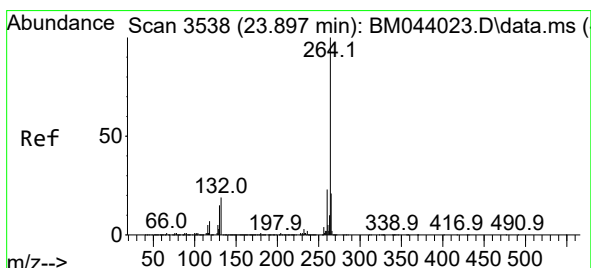
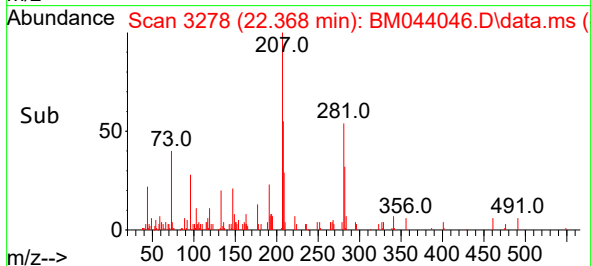
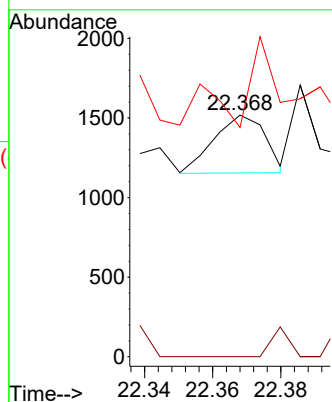
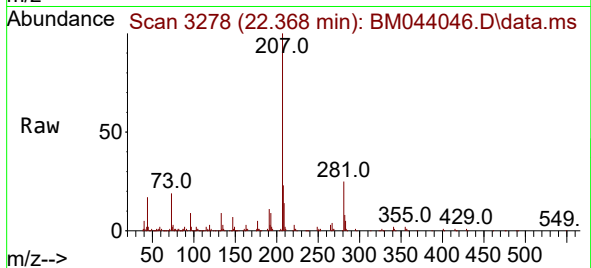
Tgt Ion:149 Resp: 381

Ion Ratio Lower Upper

149 100

167 17.3 1.2 1.8#

43 310.5 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.891 min Scan# 3537

Delta R.T. -0.006 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

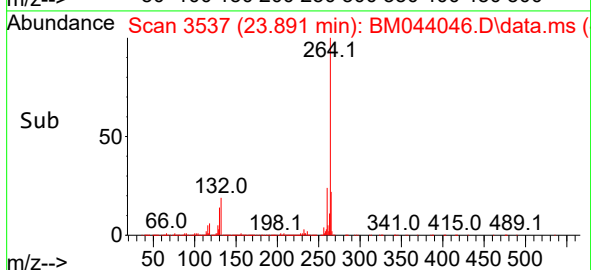
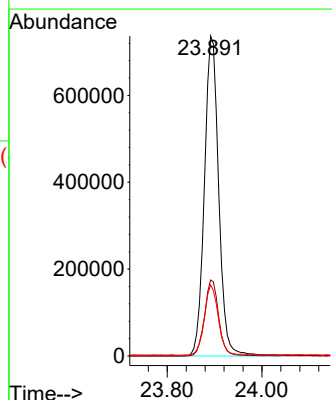
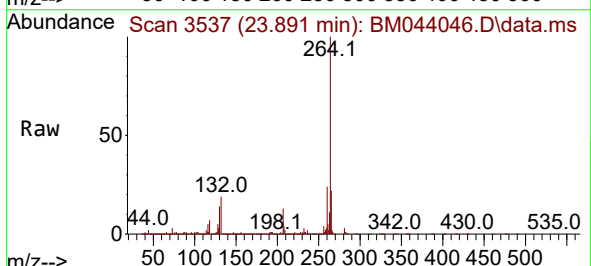
Tgt Ion:264 Resp: 1544277

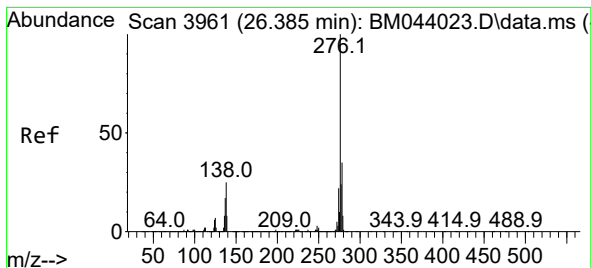
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.409 min Scan# 3961

Delta R.T. 0.024 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

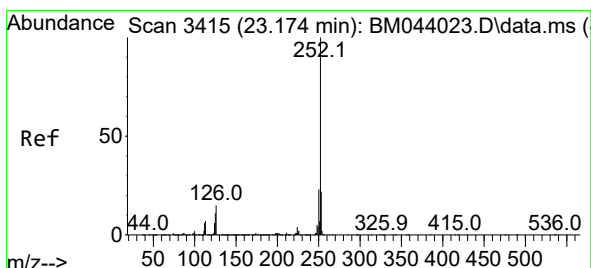
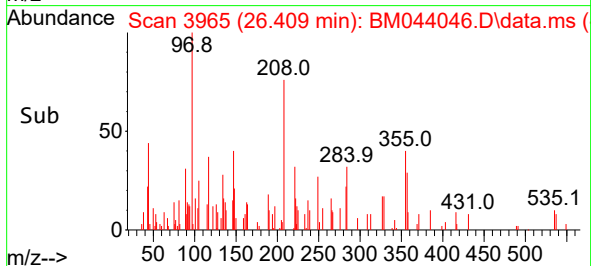
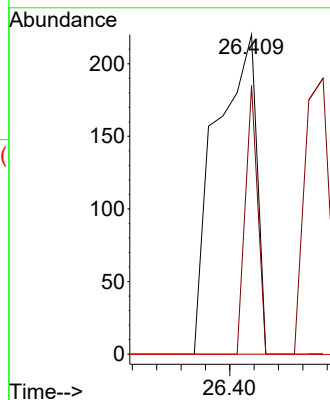
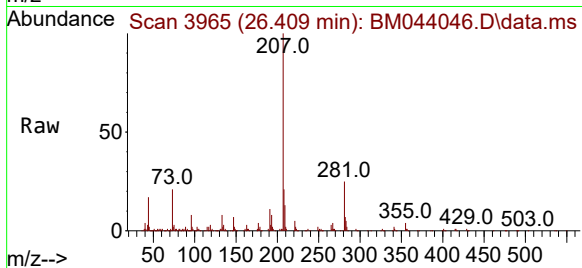
Tgt Ion:276 Resp: 254

Ion Ratio Lower Upper

276 100

138 25.6 22.6 34.0

277 0.0 20.2 30.2#



#88

Benzo(b)fluoranthene

Concen: 0.011 ng

RT: 23.168 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

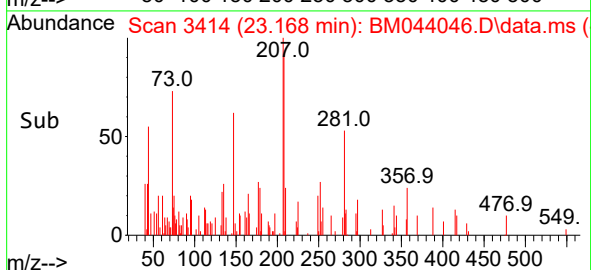
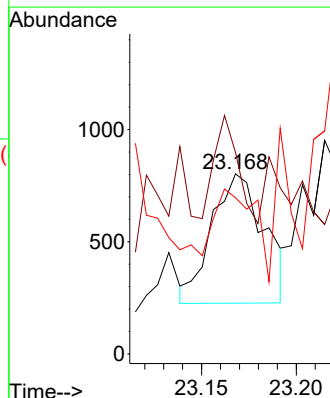
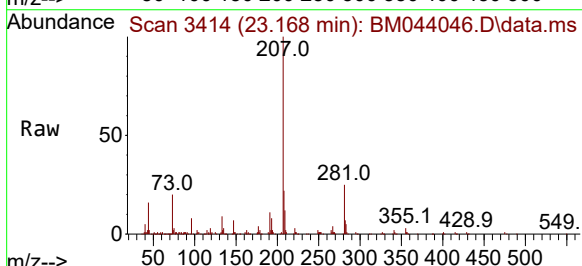
Tgt Ion:252 Resp: 1108

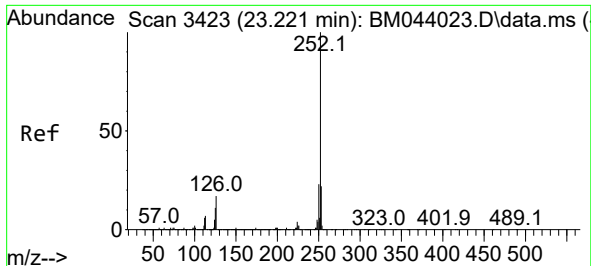
Ion Ratio Lower Upper

252 100

253 111.7 17.6 26.4#

125 86.7 8.8 13.2#





#89

Benzo(k)fluoranthene

Concen: 0.012 ng

RT: 23.215 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

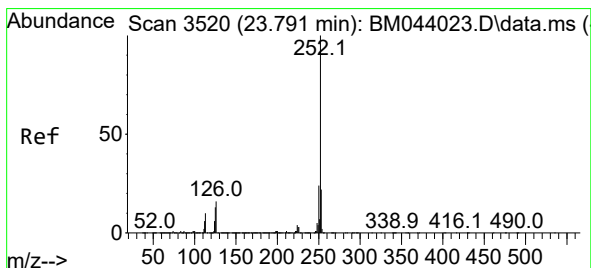
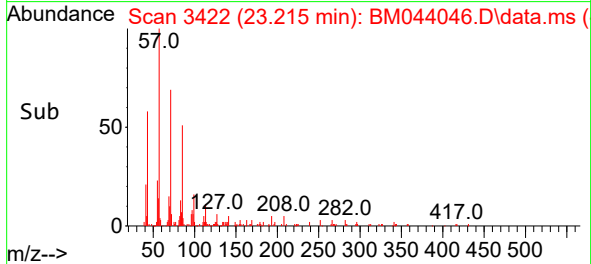
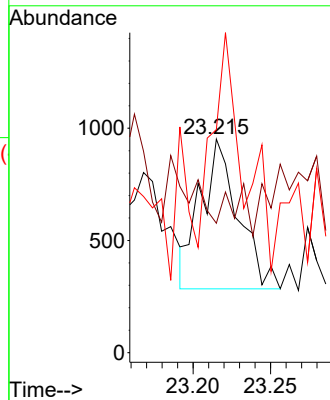
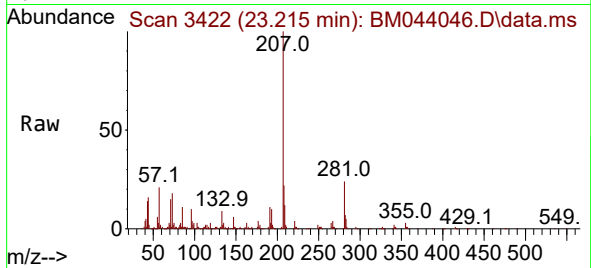
Tgt Ion:252 Resp: 1127

Ion Ratio Lower Upper

252 100

253 60.6 17.7 26.5#

125 104.4 9.0 13.4#



#90

Benzo(a)pyrene

Concen: 0.006 ng

RT: 23.786 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

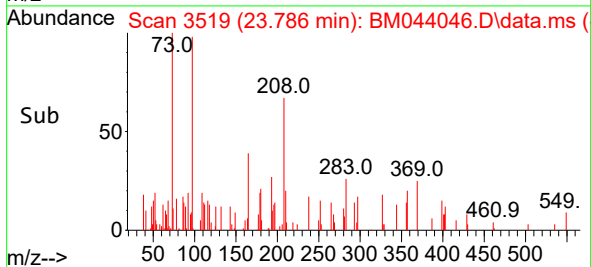
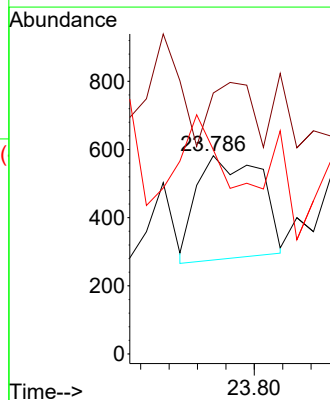
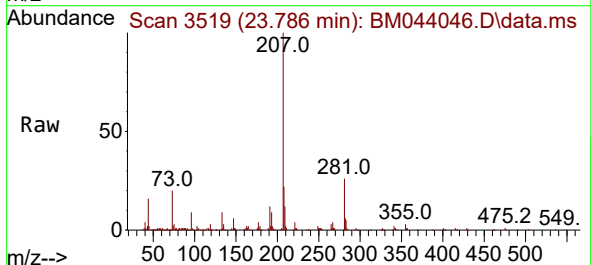
Tgt Ion:252 Resp: 467

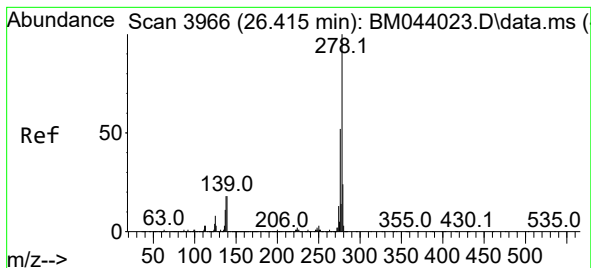
Ion Ratio Lower Upper

252 100

253 131.6 17.7 26.5#

125 102.9 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 26.432 min Scan# 3969

Delta R.T. 0.018 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

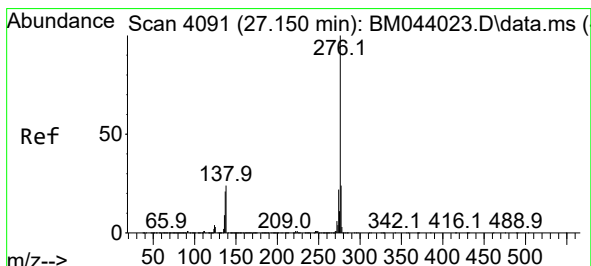
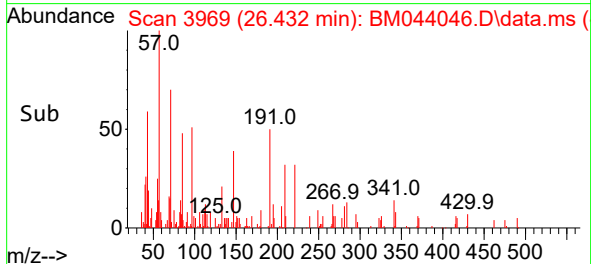
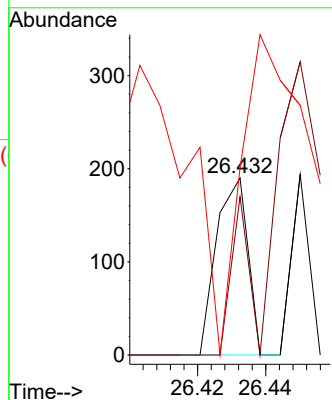
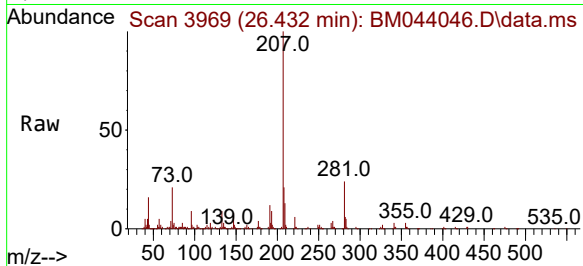
Tgt Ion:278 Resp: 121

Ion Ratio Lower Upper

278 100

139 89.5 14.5 21.7#

279 105.8 18.9 28.3#



#92

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 27.150 min Scan# 4091

Delta R.T. 0.000 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Tgt Ion:276 Resp: 67

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 100.5 19.1 28.7#

