

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022222\
 Data File : BM034044.D
 Acq On : 22 Feb 2022 18:41
 Operator : CG/JU
 Sample : PB142123BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB142123BL

Quant Time: Feb 23 05:15:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	236913	20.000	ng	0.00
21) Naphthalene-d8	10.836	136	921179	20.000	ng	# 0.00
39) Acenaphthene-d10	14.654	164	600179	20.000	ng	0.00
64) Phenanthrene-d10	17.395	188	1199650	20.000	ng	# 0.00
76) Chrysene-d12	21.565	240	950825	20.000	ng	0.00
86) Perylene-d12	24.024	264	950715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	1884714	141.813	ng	0.00
7) Phenol-d6	7.172	99	2341931	134.193	ng	0.00
23) Nitrobenzene-d5	9.184	82	1499727	87.858	ng	0.00
42) 2,4,6-Tribromophenol	16.136	330	983009	134.950	ng	0.00
45) 2-Fluorobiphenyl	13.289	172	3979386	88.336	ng	0.00
79) Terphenyl-d14	20.012	244	5205604	95.335	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	657	0.129	ng	# 1
3) Pyridine	3.855	79	275	0.019	ng	# 1
4) n-Nitrosodimethylamine	3.713	42	131	0.018	ng	# 1
6) Aniline	7.337	93	60	0.003	ng	# 38
9) Benzaldehyde	7.172	77	4820	0.492	ng	# 9
10) Phenol	7.166	94	419	0.024	ng	# 1
11) bis(2-Chloroethyl)ether	7.337	93	60	0.004	ng	# 16
15) Benzyl Alcohol	8.260	79	227	0.017	ng	# 17
16) 2,2'-oxybis(1-Chloropr...	8.413	45	53	0.003	ng	# 69
22) Acetophenone	8.848	105	53	0.002	ng	# 1
24) Nitrobenzene	9.184	77	6715	0.423	ng	# 41
25) Isophorone	9.772	82	76	0.003	ng	# 68
31) Naphthalene	10.889	128	62	0.001	ng	# 69
46) 1,1'-Biphenyl	13.501	154	281	0.006	ng	# 43
49) Acenaphthylene	14.383	152	55	0.001	ng	# 61
50) Dimethylphthalate	14.101	163	161	0.004	ng	# 76
51) 2,6-Dinitrotoluene	14.207	165	60	0.007	ng	# 15
52) Acenaphthene	14.654	154	2053	0.058	ng	# 4
55) Dibenzofuran	15.048	168	586	0.011	ng	# 44
57) 2,4-Dinitrotoluene	14.989	165	61	0.005	ng	# 13
58) Fluorene	15.695	166	191	0.004	ng	# 92
60) Diethylphthalate	15.471	149	1156	0.026	ng	# 74
61) 4-Chlorophenyl-phenyle...	15.689	204	307	0.013	ng	# 27
63) Azobenzene	15.971	77	780	0.020	ng	# 62
65) 4,6-Dinitro-2-methylph...	15.960	198	53	0.008	ng	# 20
66) n-Nitrosodiphenylamine	16.136	169	33139	0.882	ng	# 50
70) Pentachlorophenol	17.030	266	71	0.008	ng	# 40
71) Phenanthrene	17.436	178	1113	0.017	ng	# 85
72) Anthracene	17.530	178	548	0.008	ng	# 32
73) Carbazole	17.789	167	443	0.007	ng	# 53
74) Di-n-butylphthalate	18.360	149	1855	0.027	ng	# 78
75) Fluoranthene	19.389	202	55	0.001	ng	# 65
77) Benzidine	19.624	184	888	0.050	ng	# 69
78) Pyrene	20.012	202	18630	0.285	ng	# 67
80) Butylbenzylphthalate	20.701	149	768	0.031	ng	# 50
81) Benzo(a)anthracene	21.559	228	3848	0.062	ng	# 88

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

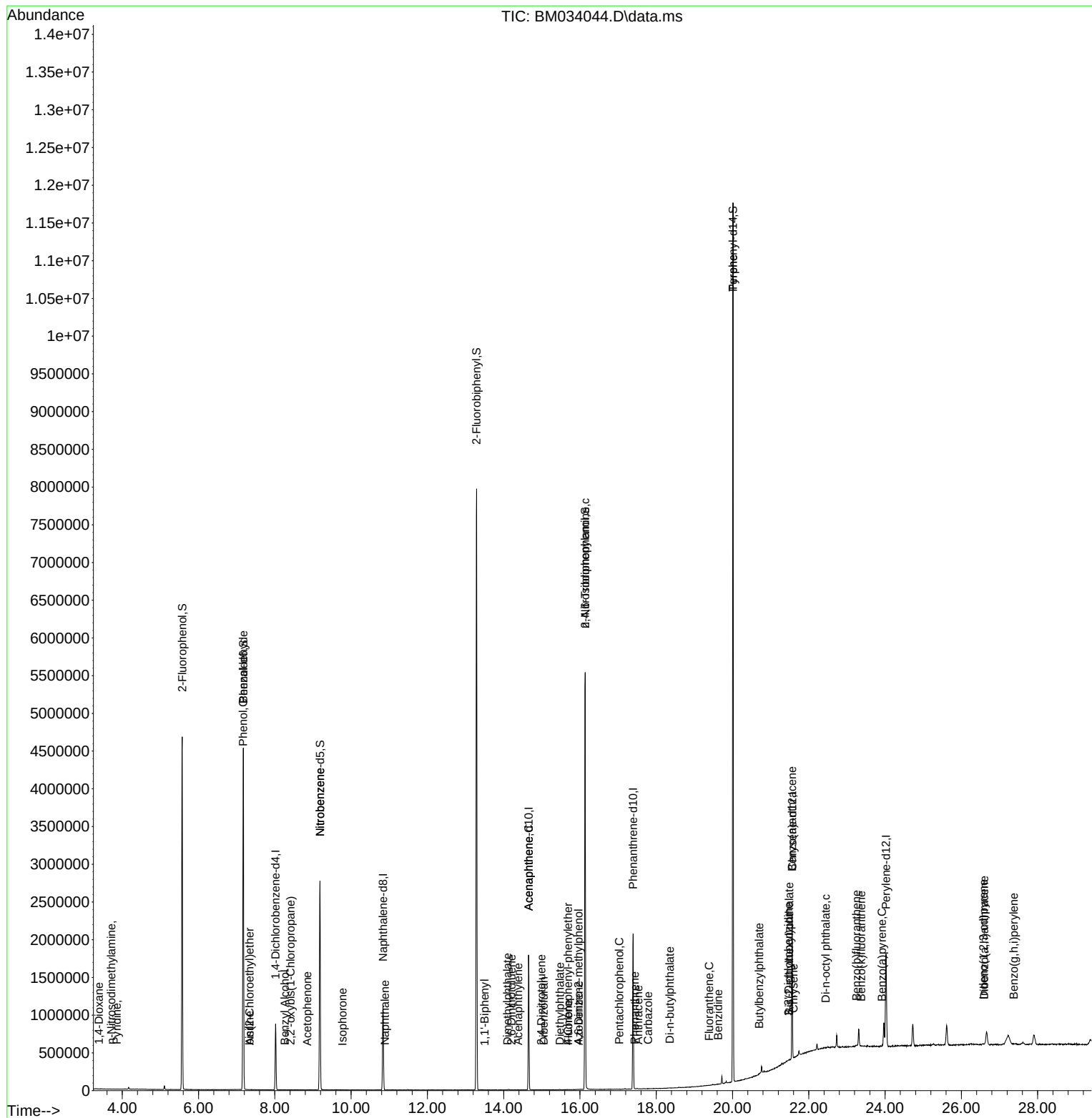
82) 3,3'-Dichlorobenzidine	21.471	252	607	0.029	ng	# 81
83) Chrysene	21.600	228	638	0.011	ng	# 82
84) Bis(2-ethylhexyl)phtha...	21.483	149	1194	0.031	ng	# 88
85) Di-n-octyl phthalate	22.442	149	495	0.008	ng	# 62
87) Indeno(1,2,3-cd)pyrene	26.583	276	2556	0.038	ng	# 51
88) Benzo(b)fluoranthene	23.247	252	1849	0.031	ng	# 4
89) Benzo(k)fluoranthene	23.371	252	258	0.004	ng	# 1
90) Benzo(a)pyrene	23.918	252	1288	0.026	ng	# 1
91) Dibenzo(a,h)anthracene	26.600	278	2491	0.044	ng	# 20
92) Benzo(g,h,i)perylene	27.377	276	1978	0.036	ng	# 72

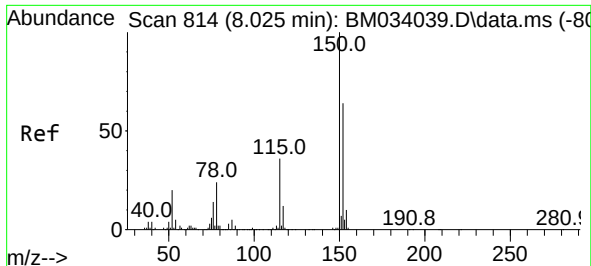
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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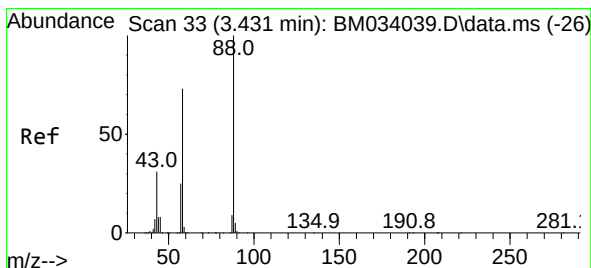
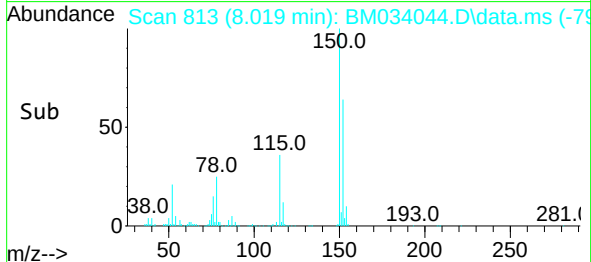
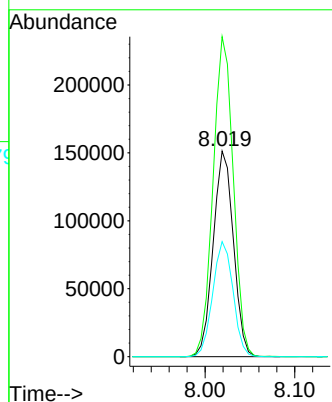
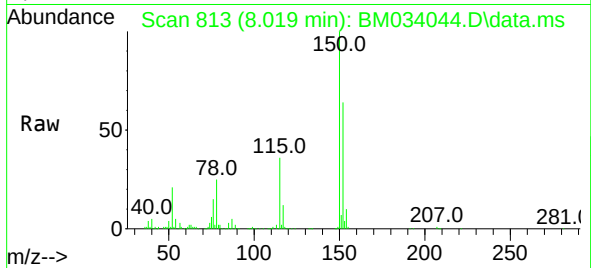




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.019 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

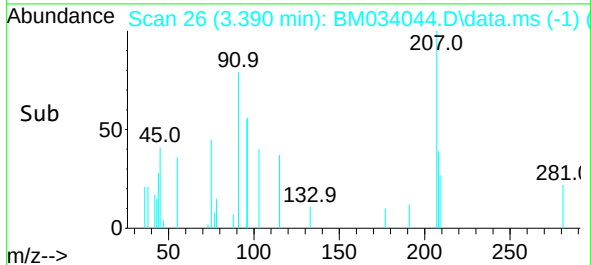
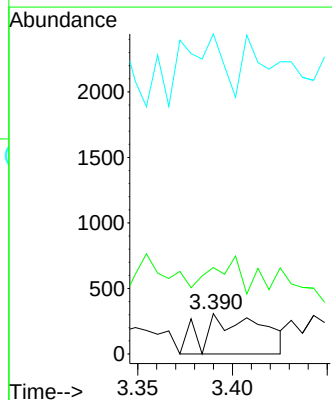
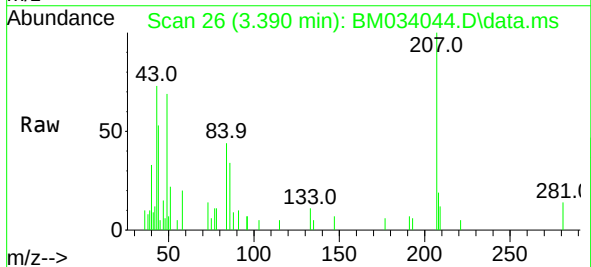
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BNA_M
ClientSampleId :
PB142123BL

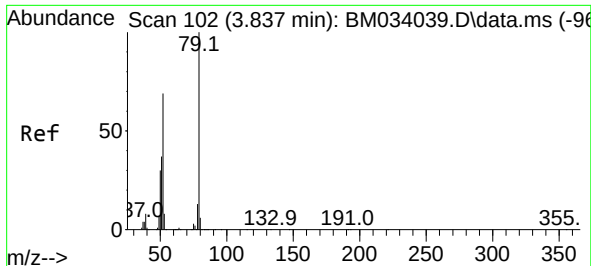
Tgt Ion:152 Resp: 236913
Ion Ratio Lower Upper
152 100
150 155.6 128.9 193.3
115 55.9 53.0 79.6



#2
1,4-Dioxane
Concen: 0.129 ng
RT: 3.390 min Scan# 26
Delta R.T. -0.041 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion: 88 Resp: 657
Ion Ratio Lower Upper
88 100
58 0.0 67.0 100.4#
43 140.6 31.6 47.4#

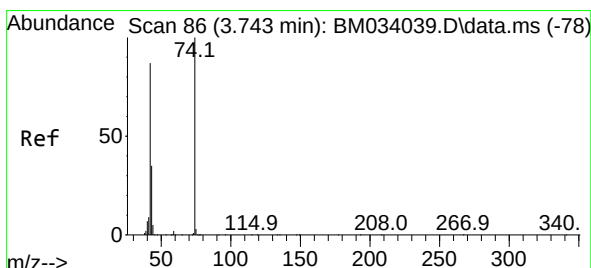
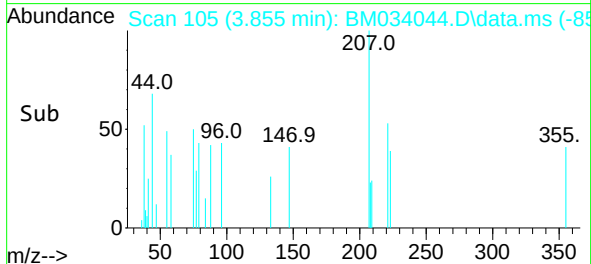
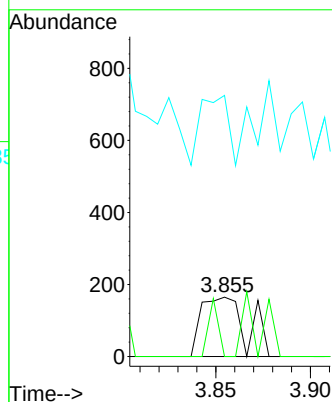
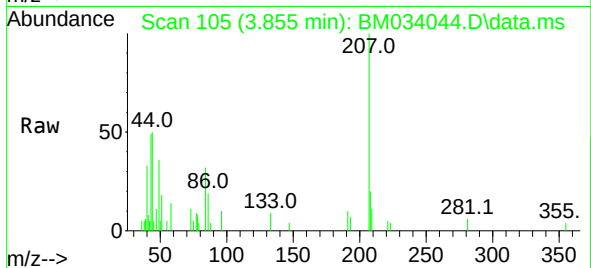




#3
Pyridine
Concen: 0.019 ng
RT: 3.855 min Scan# 10
Delta R.T. 0.018 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

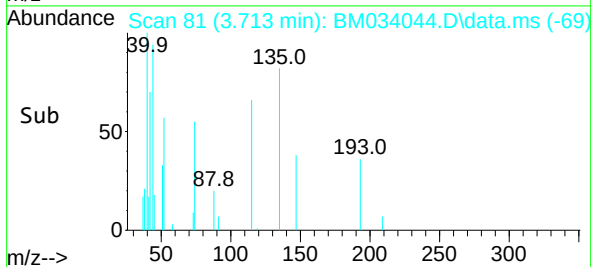
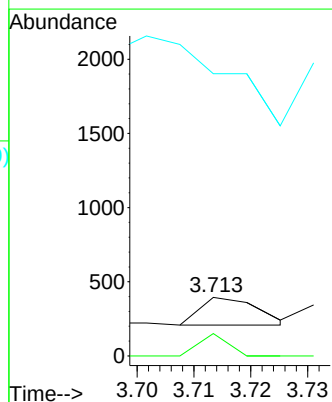
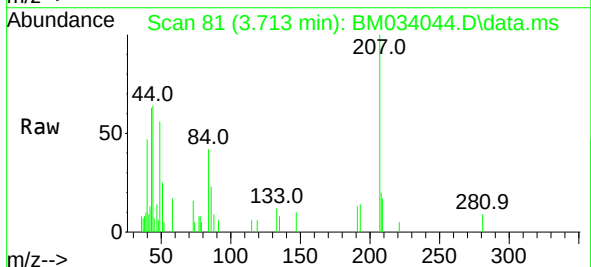
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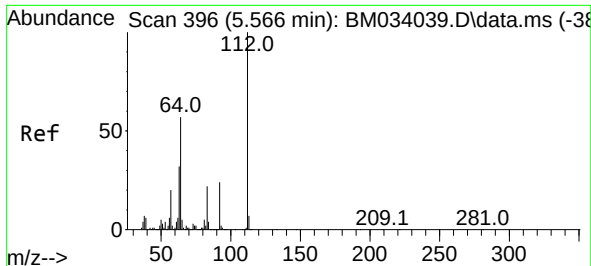
Tgt Ion: 79 Resp: 275
Ion Ratio Lower Upper
79 100
52 0.0 65.4 98.2#
51 439.4 34.8 52.2#



#4
n-Nitrosodimethylamine
Concen: 0.018 ng
RT: 3.713 min Scan# 81
Delta R.T. -0.029 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion: 42 Resp: 131
Ion Ratio Lower Upper
42 100
74 38.2 72.5 108.7#
44 481.5 5.4 8.2#

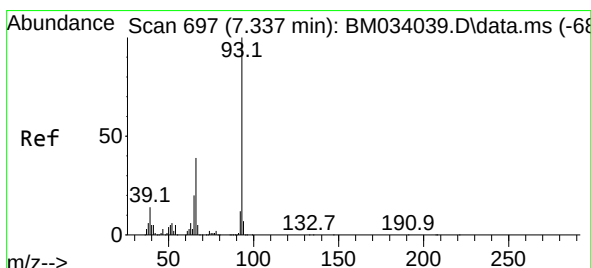
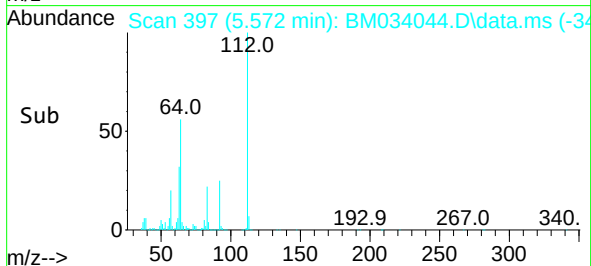
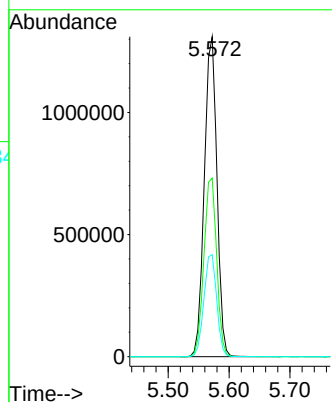
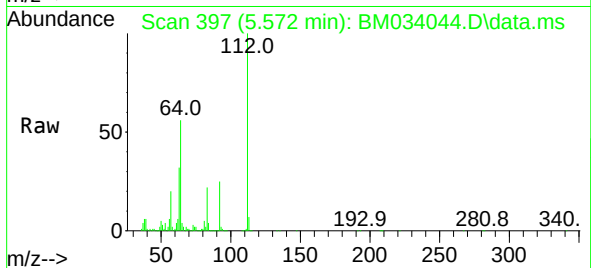




#5
2-Fluorophenol
Concen: 141.813 ng
RT: 5.572 min Scan# 396
Delta R.T. 0.006 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

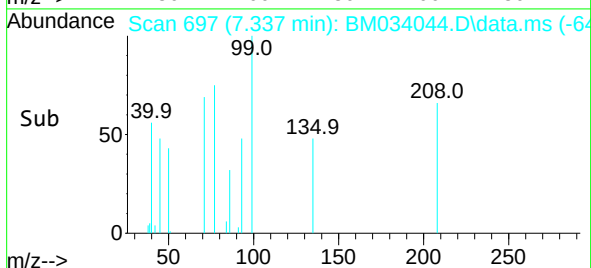
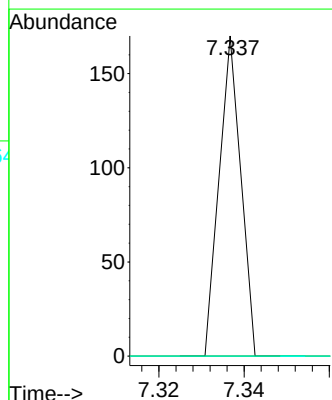
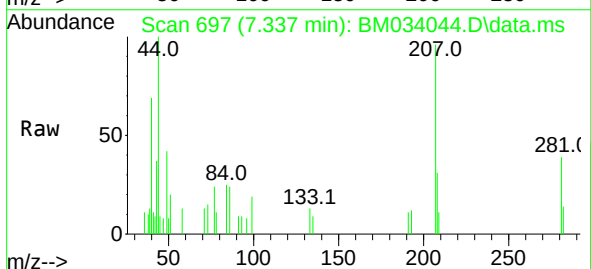
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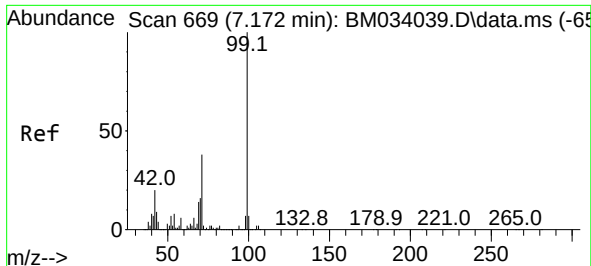
Tgt Ion:112 Resp: 1884714
Ion Ratio Lower Upper
112 100
64 55.8 55.5 83.3
63 31.9 31.3 46.9



#6
Aniline
Concen: 0.003 ng
RT: 7.337 min Scan# 697
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion: 93 Resp: 60
Ion Ratio Lower Upper
93 100
66 0.0 36.0 54.0#
65 0.0 18.2 27.4#

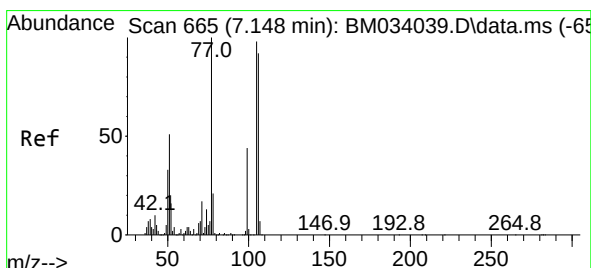
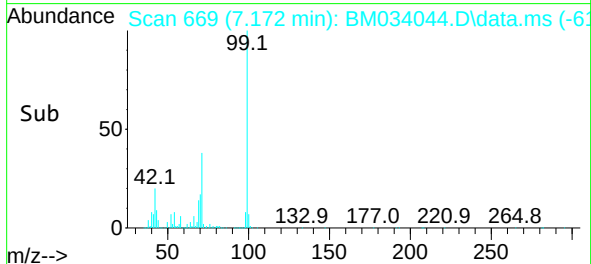
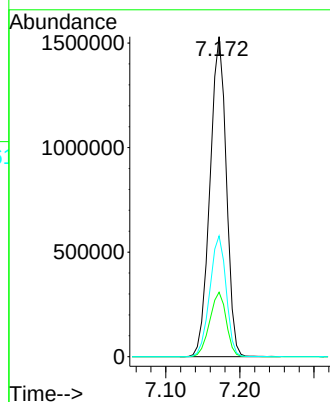
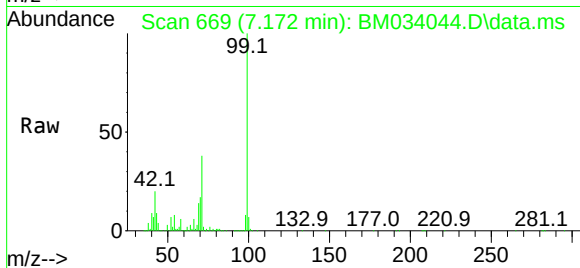




#7
Phenol-d6
Concen: 134.193 ng
RT: 7.172 min Scan# 669
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

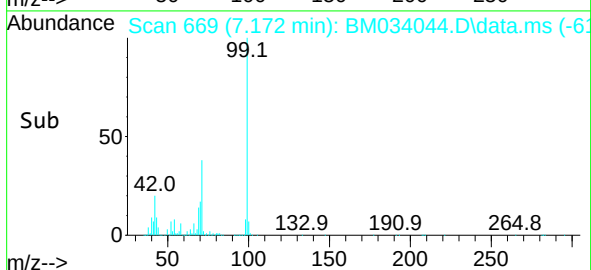
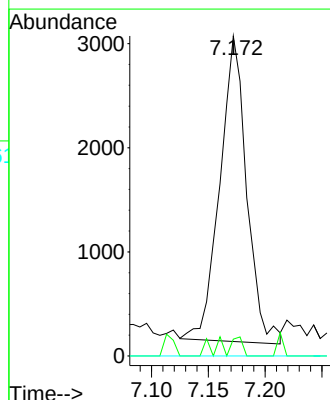
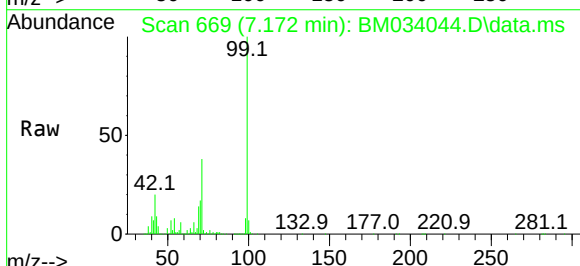
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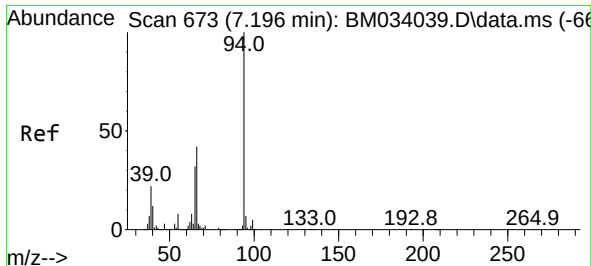
Tgt Ion: 99 Resp: 2341931
Ion Ratio Lower Upper
99 100
42 20.2 20.3 30.5#
71 37.8 34.5 51.7



#9
Benzaldehyde
Concen: 0.492 ng
RT: 7.172 min Scan# 669
Delta R.T. 0.024 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion: 77 Resp: 4820
Ion Ratio Lower Upper
77 100
105 5.3 67.1 107.1#
106 0.0 64.3 104.3#

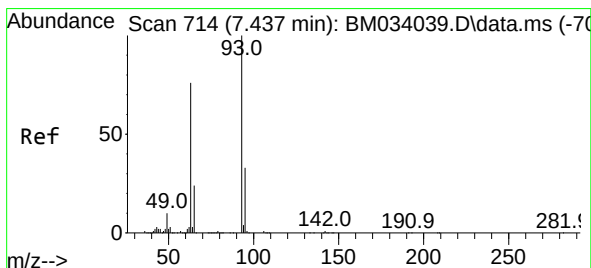
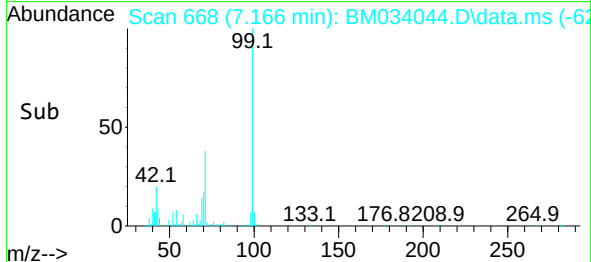
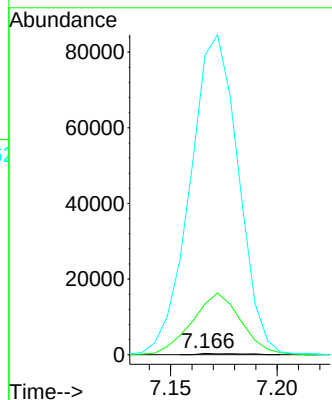
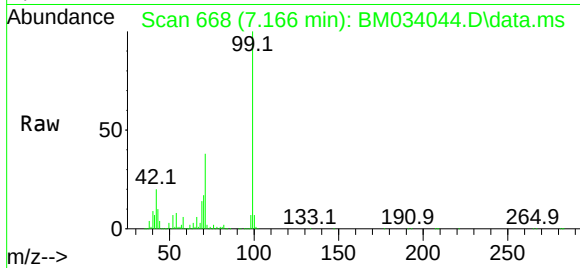




#10
Phenol
Concen: 0.024 ng
RT: 7.166 min Scan# 60
Delta R.T. -0.029 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

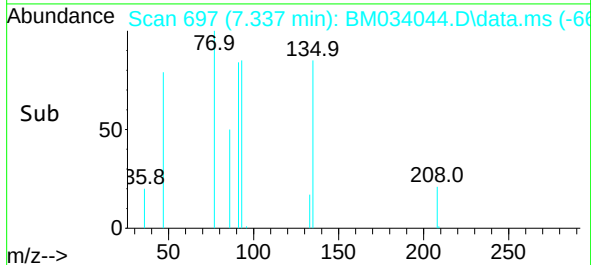
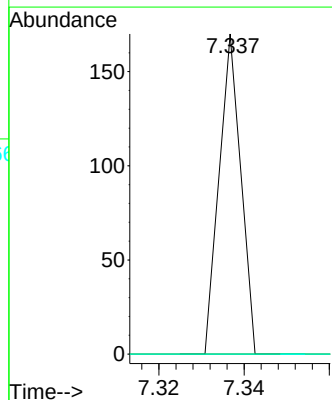
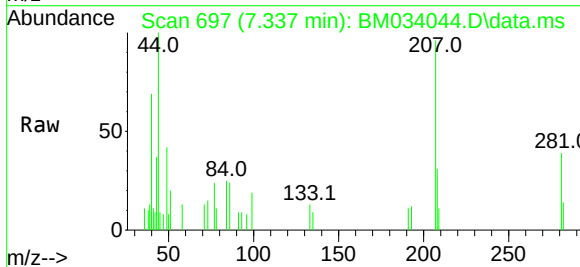
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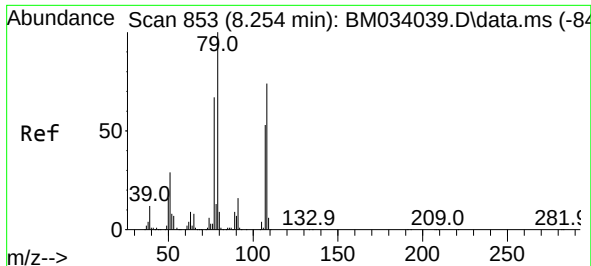
Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
65 3828.8 15.5 55.5#
66 22550.4 28.5 68.5#



#11
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.337 min Scan# 697
Delta R.T. -0.100 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion: 93 Resp: 60
Ion Ratio Lower Upper
93 100
63 0.0 67.0 107.0#
95 0.0 11.6 51.6#

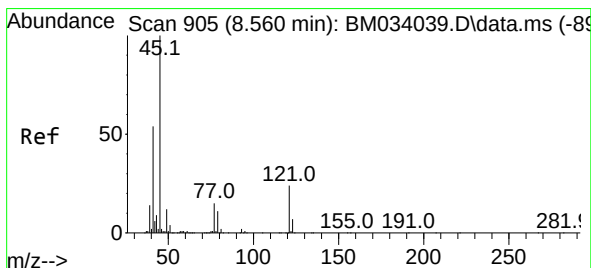
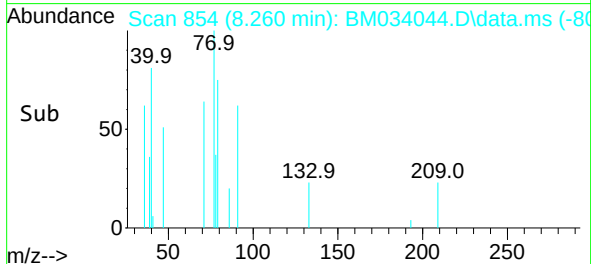
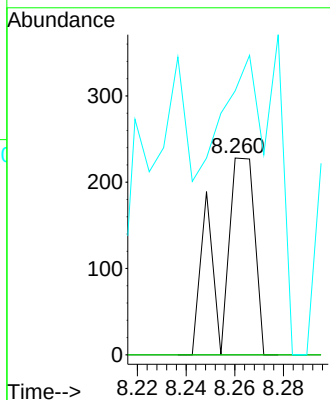
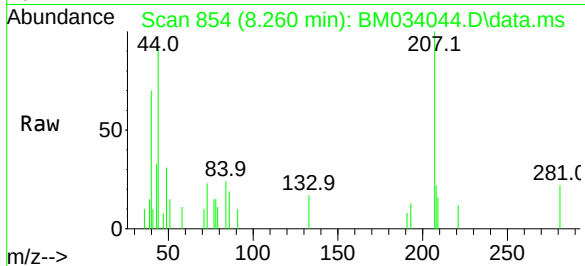




#15
Benzyl Alcohol
Concen: 0.017 ng
RT: 8.260 min Scan# 811
Delta R.T. 0.006 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

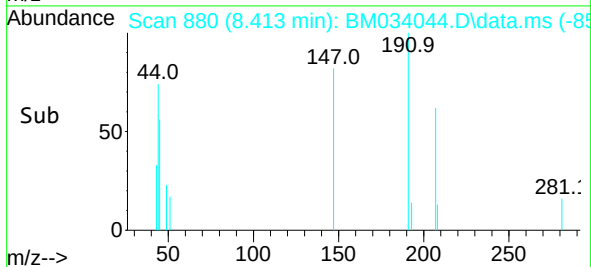
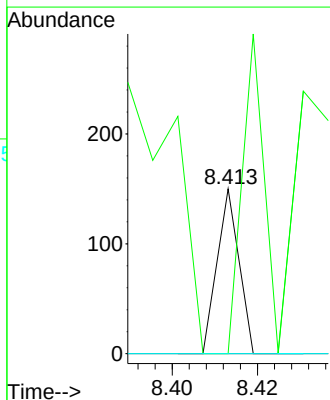
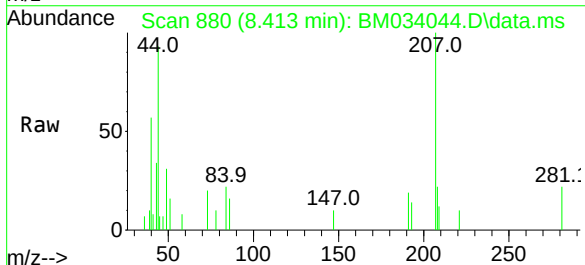
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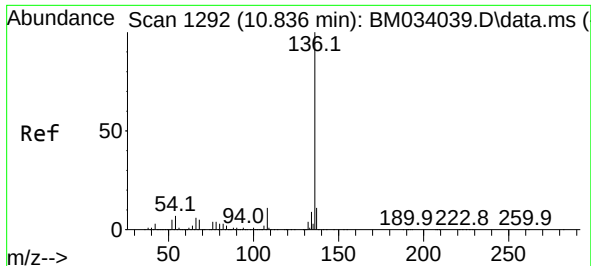
Tgt Ion: 79 Resp: 227
Ion Ratio Lower Upper
79 100
108 0.0 51.1 76.7#
77 134.2 53.8 80.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.003 ng
RT: 8.413 min Scan# 880
Delta R.T. -0.147 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion: 45 Resp: 53
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.7
79 0.0 0.0 30.0

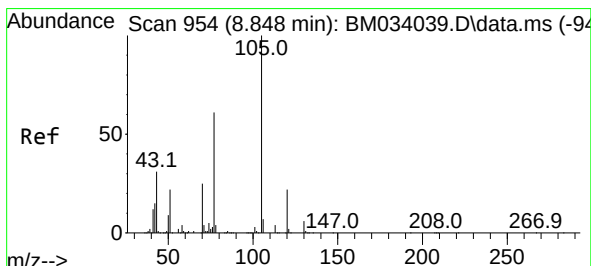
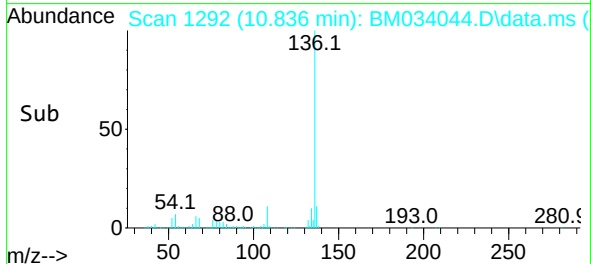
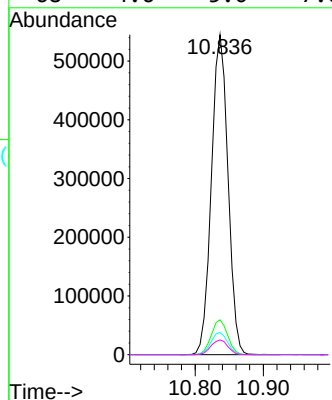
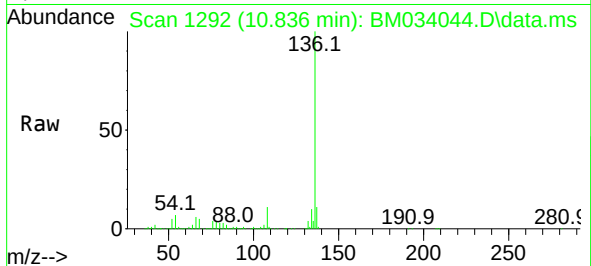




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

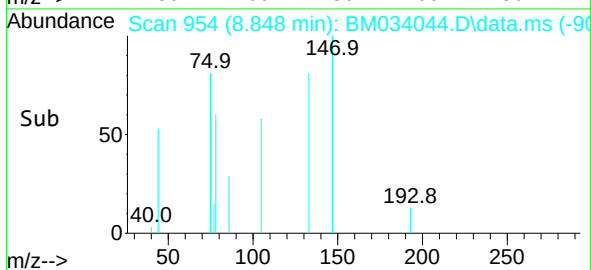
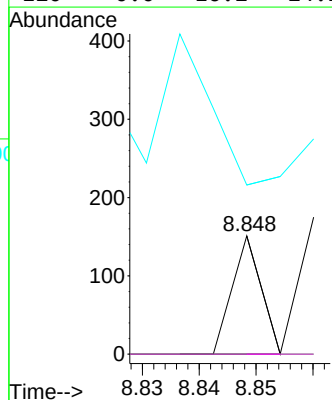
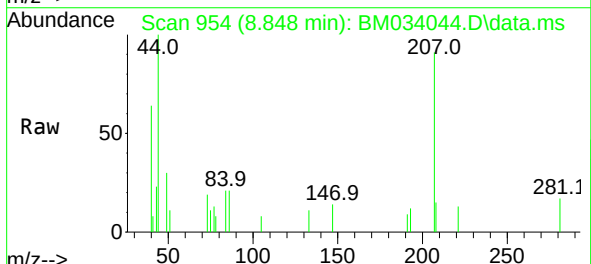
Instrument :
BNA_M
ClientSampleId :
PB142123BL

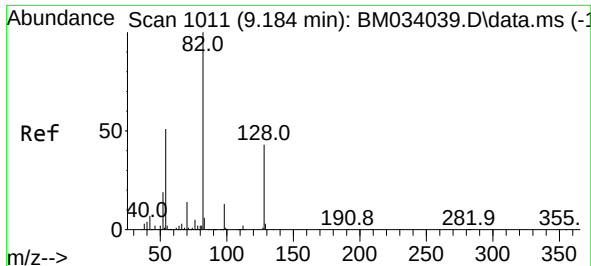
Tgt Ion:136 Resp: 921179
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 8.3 12.5#
68 4.6 5.0 7.6#



#22
Acetophenone
Concen: 0.002 ng
RT: 8.848 min Scan# 954
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion:105 Resp: 53
Ion Ratio Lower Upper
105 100
71 0.0 1.6 2.4#
51 143.0 27.7 41.5#
120 0.0 16.2 24.2#

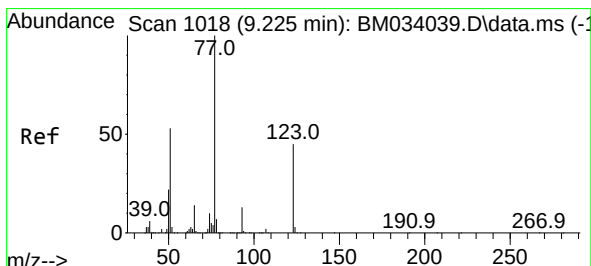
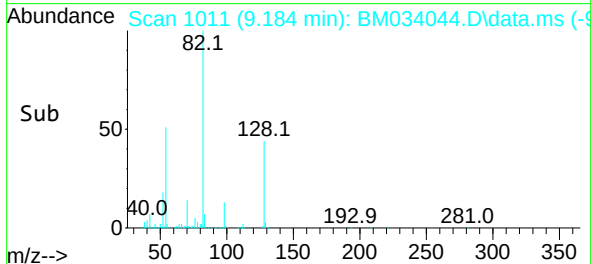
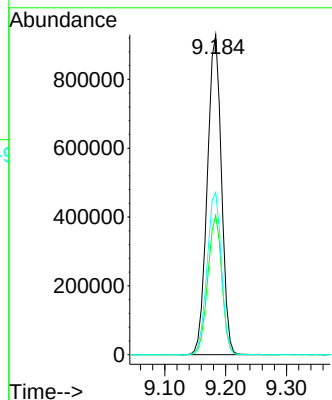
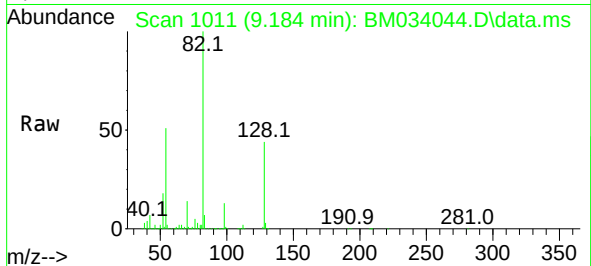




#23
Nitrobenzene-d5
Concen: 87.858 ng
RT: 9.184 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

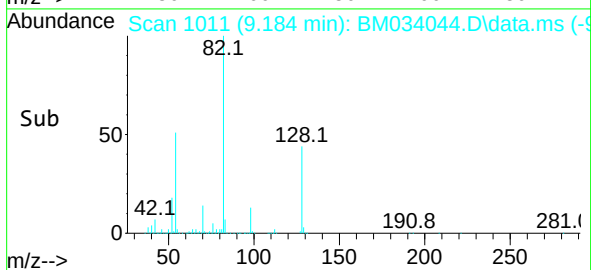
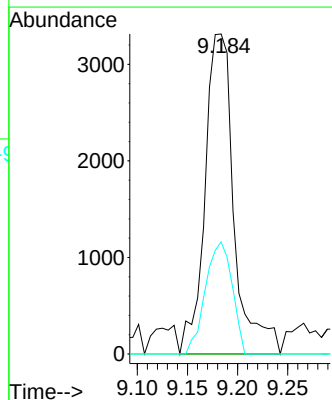
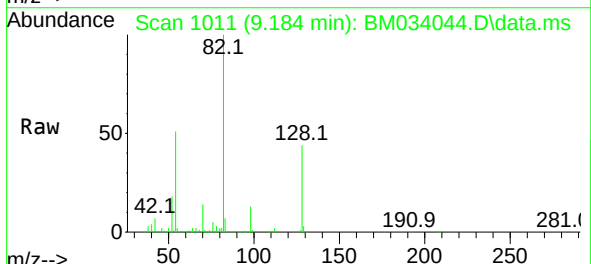
Instrument :
BNA_M
ClientSampleId :
PB142123BL

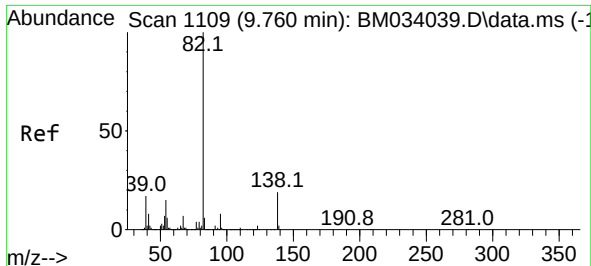
Tgt Ion: 82 Resp: 1499727
Ion Ratio Lower Upper
82 100
128 43.5 28.1 42.1#
54 50.8 46.1 69.1



#24
Nitrobenzene
Concen: 0.423 ng
RT: 9.184 min Scan# 1011
Delta R.T. -0.041 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion: 77 Resp: 6715
Ion Ratio Lower Upper
77 100
123 0.0 29.8 44.8#
65 35.0 11.5 17.3#

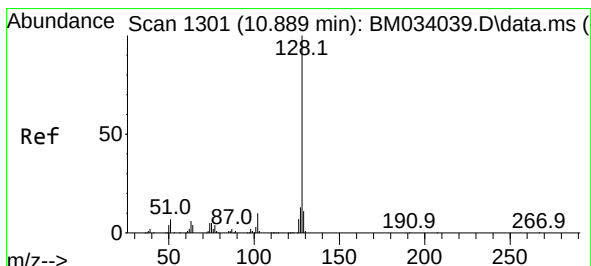
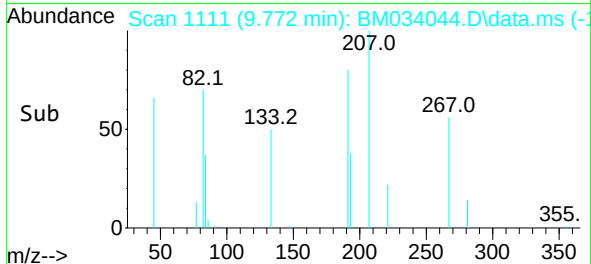
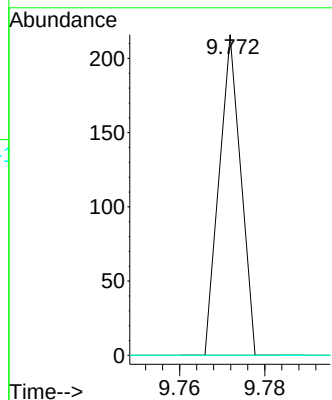
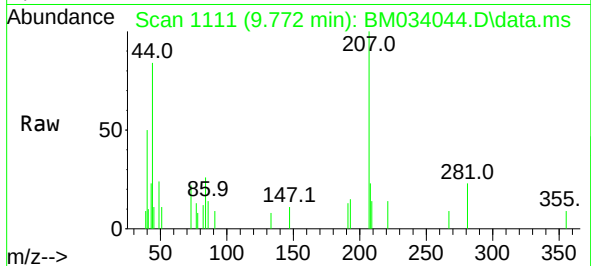




#25
Isophorone
Concen: 0.003 ng
RT: 9.772 min Scan# 1111
Delta R.T. 0.012 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

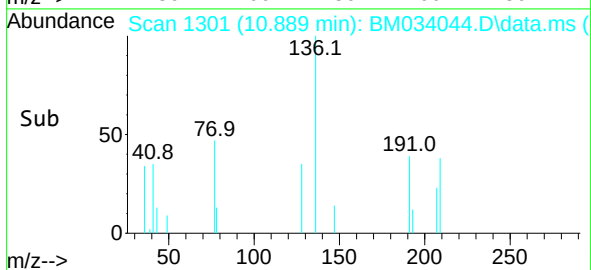
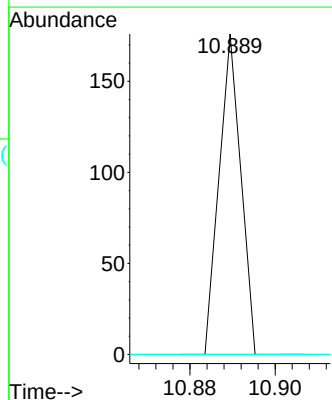
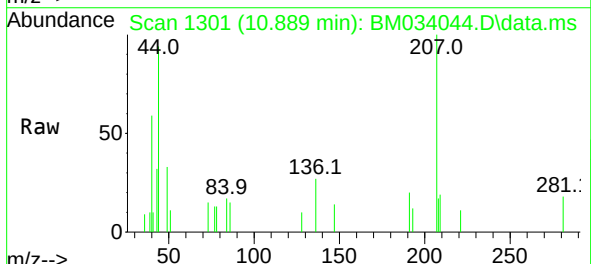
Instrument :
BNA_M
ClientSampleId :
PB142123BL

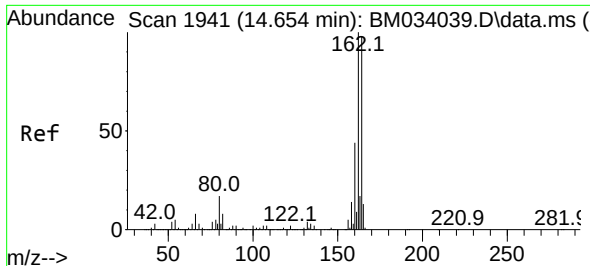
Tgt Ion: 82 Resp: 76
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.4 18.6#



#31
Naphthalene
Concen: 0.001 ng
RT: 10.889 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

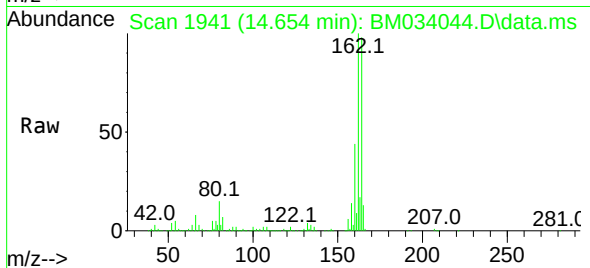
Tgt Ion: 128 Resp: 62
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 0.0 10.8 16.2#



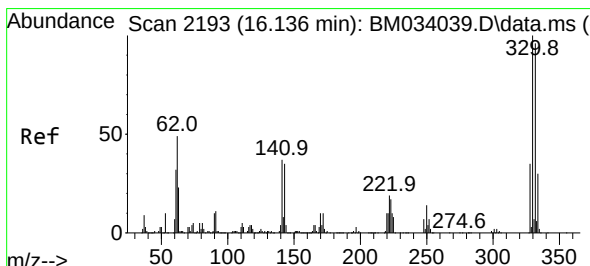
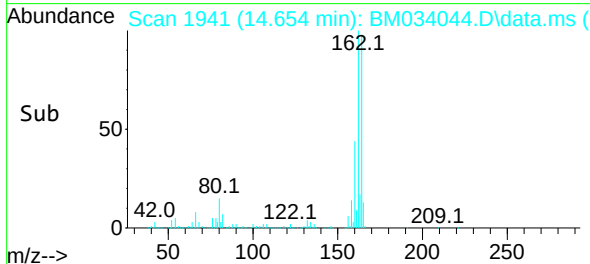
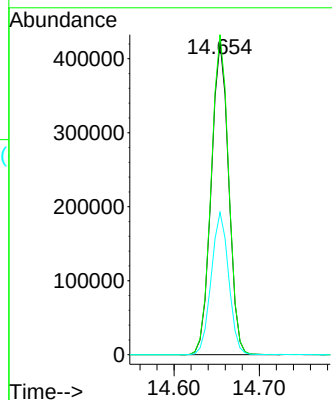


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.654 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Instrument :
BNA_M
ClientSampleId :
PB142123BL

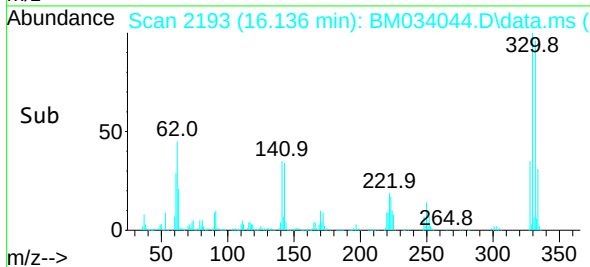
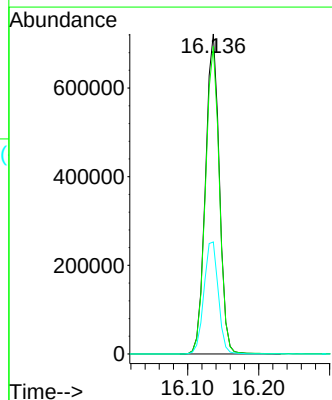
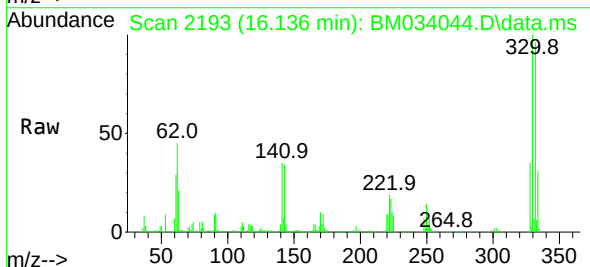


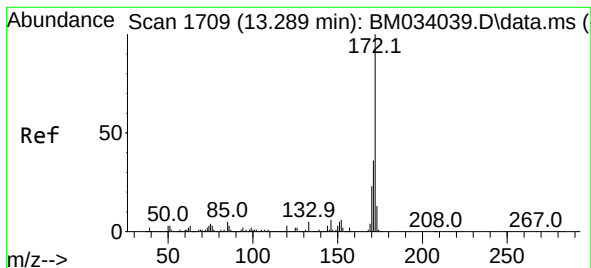
Tgt Ion:164 Resp: 600179
Ion Ratio Lower Upper
164 100
162 102.4 79.7 119.5
160 45.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 134.950 ng
RT: 16.136 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion:330 Resp: 983009
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 36.4 35.9 53.9





#45

2-Fluorobiphenyl

Concen: 88.336 ng

RT: 13.289 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

Instrument :

BNA_M

ClientSampleId :

PB142123BL

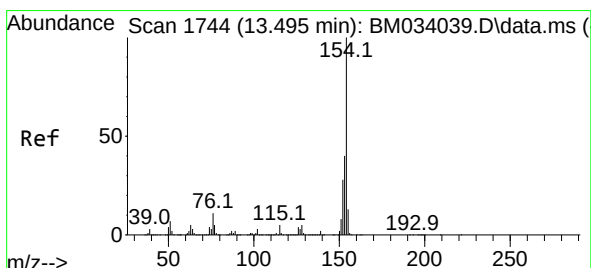
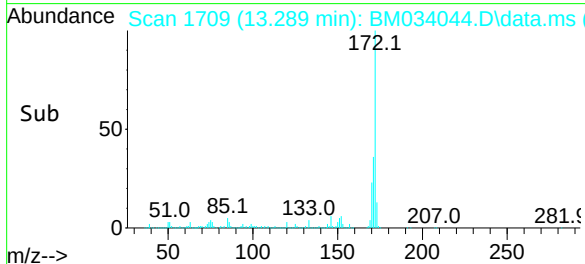
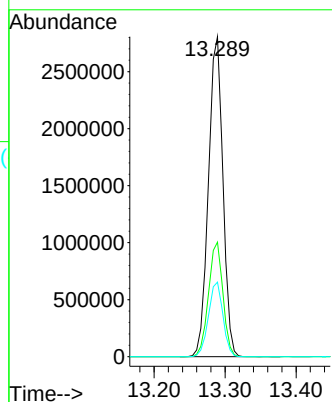
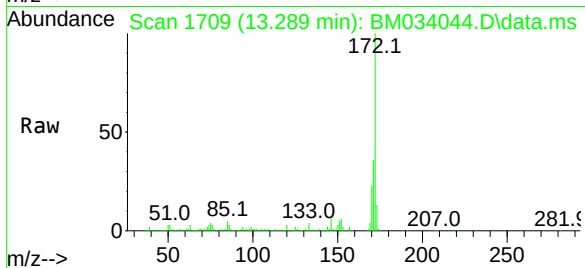
Tgt Ion:172 Resp: 3979386

Ion Ratio Lower Upper

172 100

171 35.8 27.2 40.8

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 0.006 ng

RT: 13.501 min Scan# 1745

Delta R.T. 0.006 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

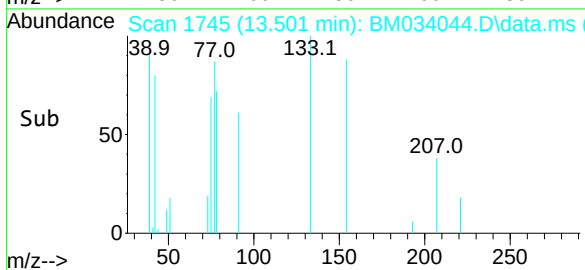
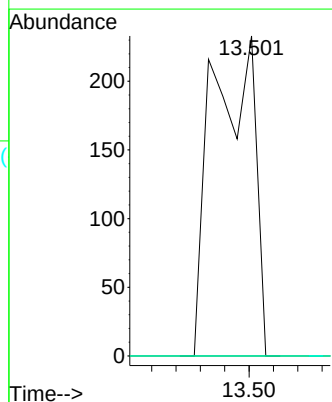
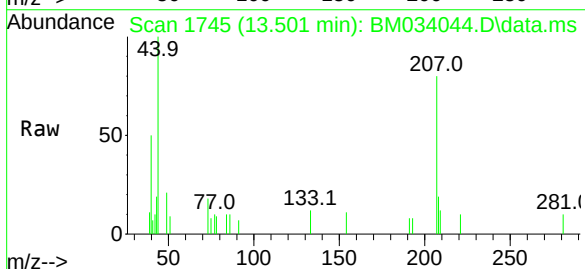
Tgt Ion:154 Resp: 281

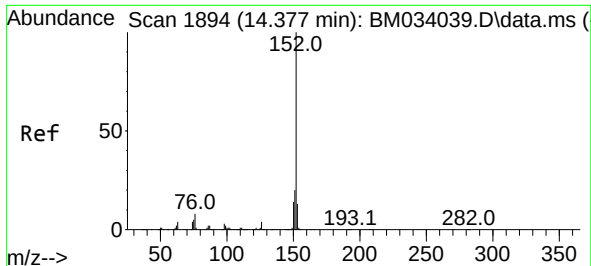
Ion Ratio Lower Upper

154 100

153 0.0 20.7 60.7#

76 0.0 0.0 34.4

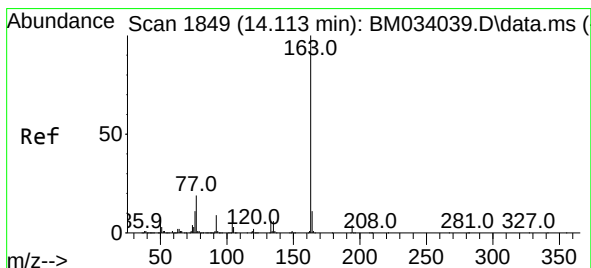
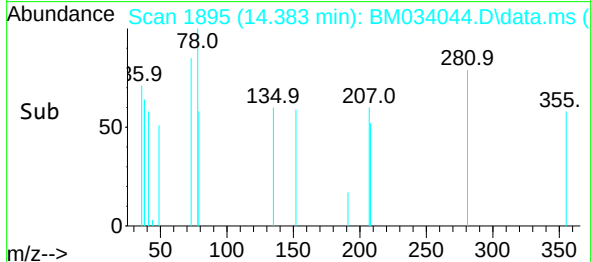
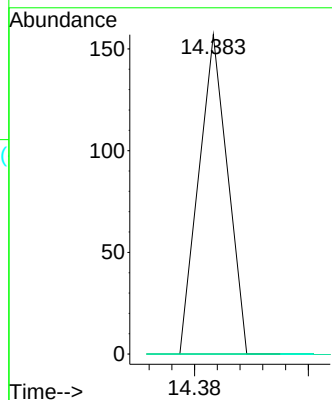
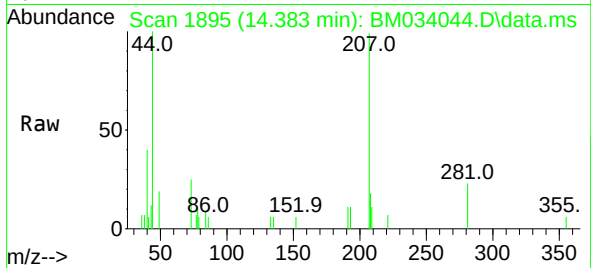




#49
Acenaphthylene
Concen: 0.001 ng
RT: 14.383 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

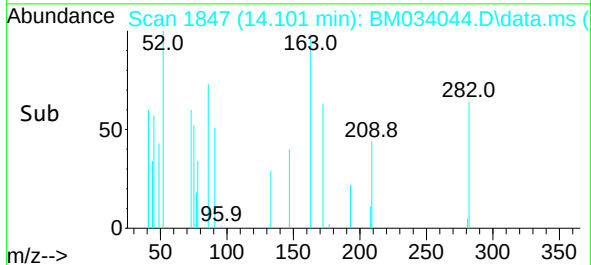
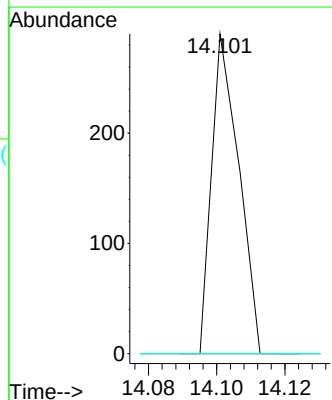
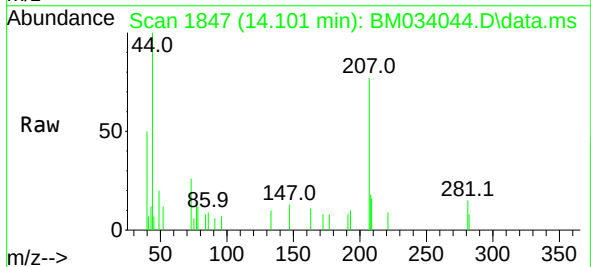
Instrument :
BNA_M
ClientSampleId :
PB142123BL

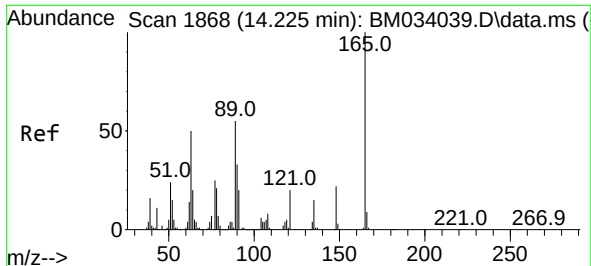
Tgt Ion:152 Resp: 55
Ion Ratio Lower Upper
152 100
151 0.0 15.4 23.2#
153 0.0 10.4 15.6#



#50
Dimethylphthalate
Concen: 0.004 ng
RT: 14.101 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion:163 Resp: 161
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 0.0 8.6 12.8#

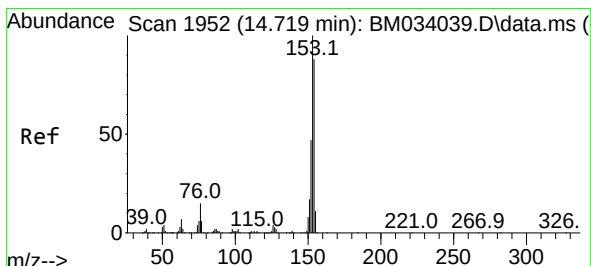
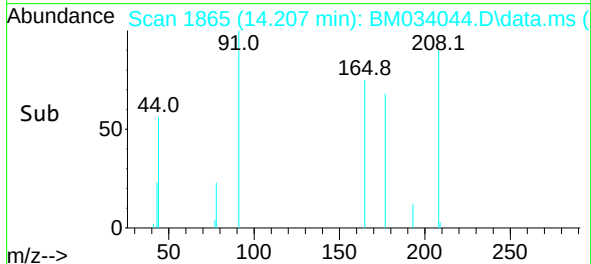
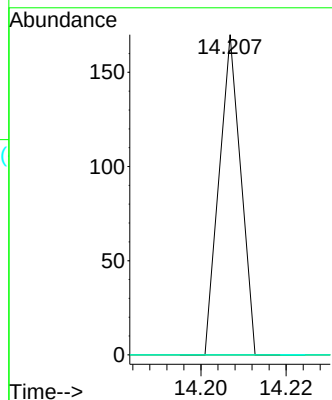
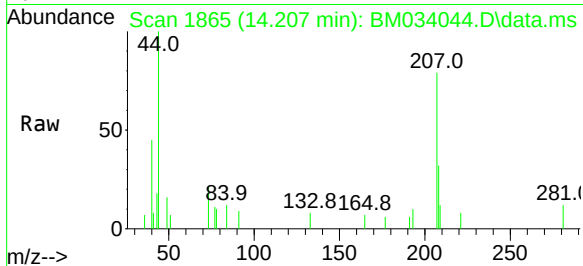




#51
2,6-Dinitrotoluene
Concen: 0.007 ng
RT: 14.207 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

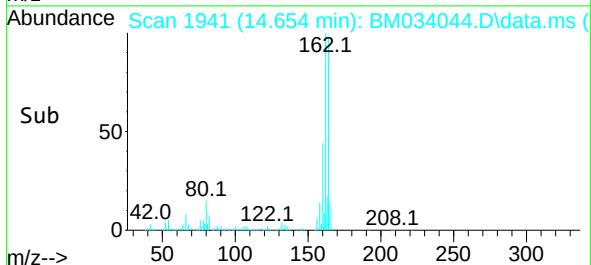
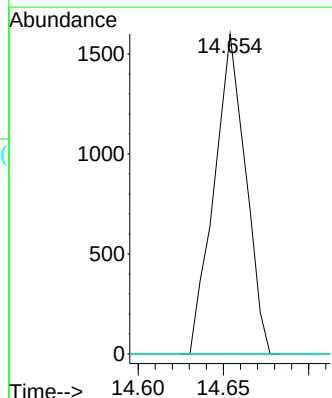
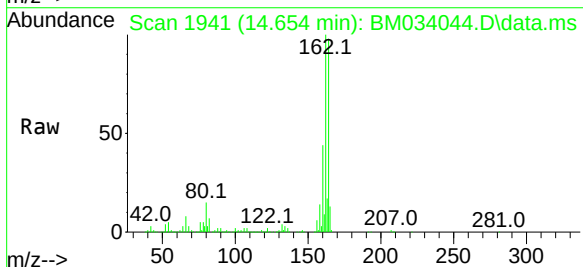
Instrument :
BNA_M
ClientSampleId :
PB142123BL

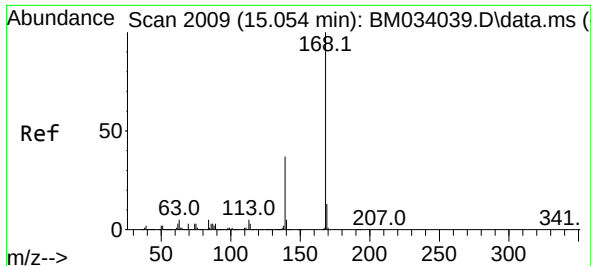
Tgt Ion:165 Resp: 60
Ion Ratio Lower Upper
165 100
63 0.0 56.9 85.3#
89 0.0 54.3 81.5#



#52
Acenaphthene
Concen: 0.058 ng
RT: 14.654 min Scan# 1941
Delta R.T. -0.065 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion:154 Resp: 2053
Ion Ratio Lower Upper
154 100
153 0.0 90.2 135.4#
152 0.0 43.5 65.3#

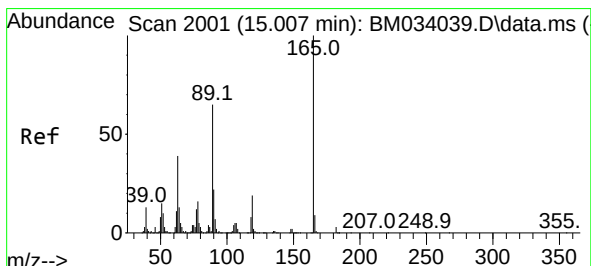
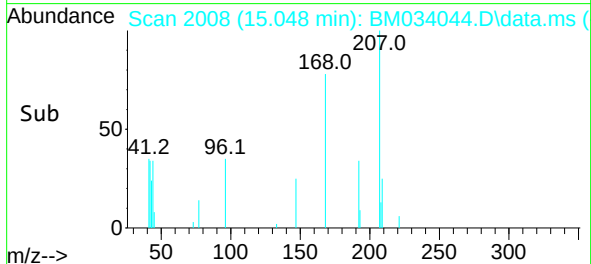
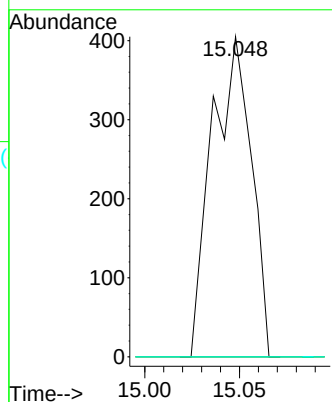
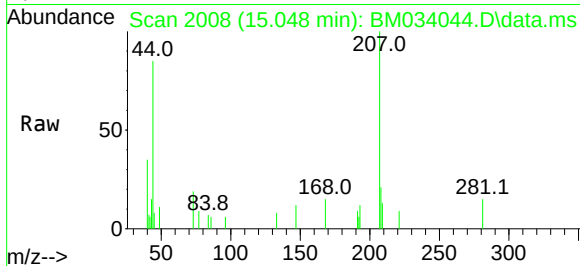




#55
Dibenzenofuran
Concen: 0.011 ng
RT: 15.048 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

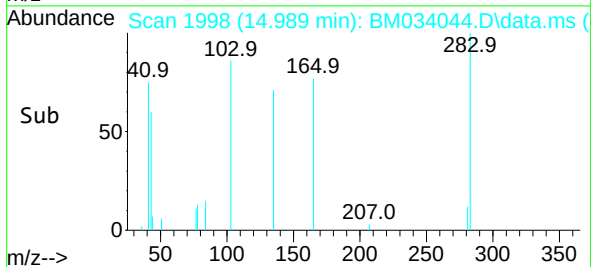
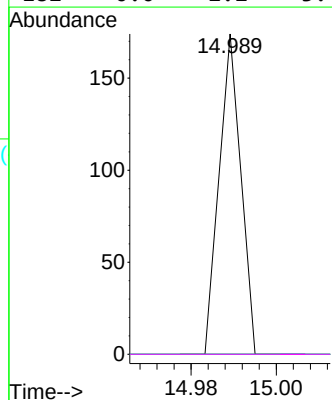
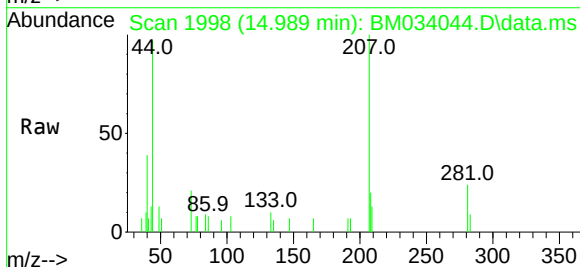
Instrument :
BNA_M
ClientSampleId :
PB142123BL

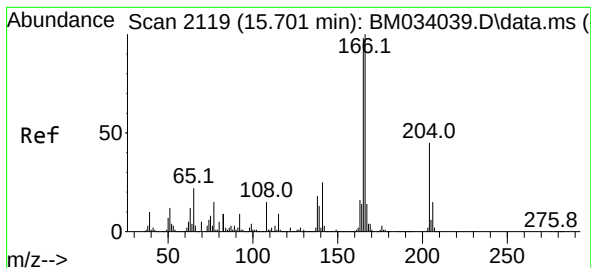
Tgt Ion:168 Resp: 586
Ion Ratio Lower Upper
168 100
139 0.0 31.4 47.2#
169 0.0 10.6 15.8#



#57
2,4-Dinitrotoluene
Concen: 0.005 ng
RT: 14.989 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion:165 Resp: 61
Ion Ratio Lower Upper
165 100
63 0.0 46.2 69.4#
89 0.0 72.0 108.0#
182 0.0 2.2 3.4#





#58

Fluorene

Concen: 0.004 ng

RT: 15.695 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BM034044.D

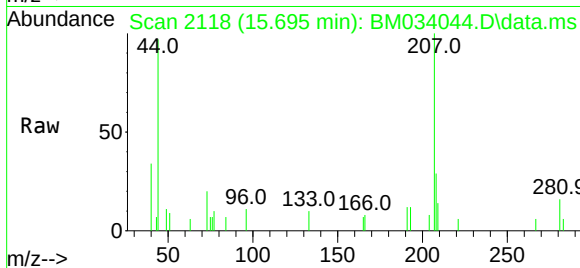
Acq: 22 Feb 2022 18:41

Instrument :

BNA_M

ClientSampleId :

PB142123BL



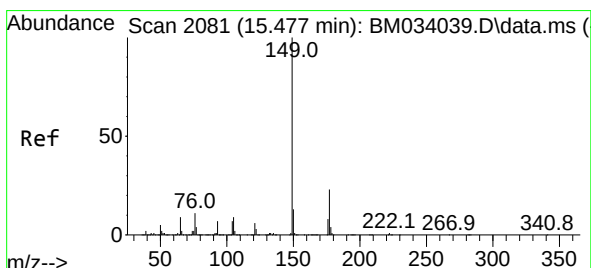
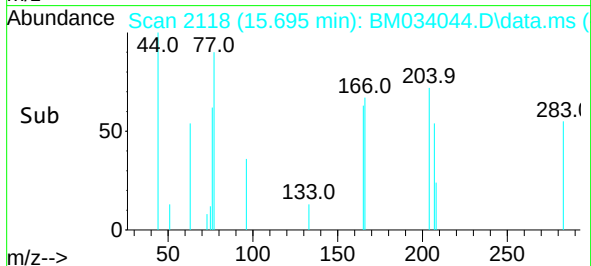
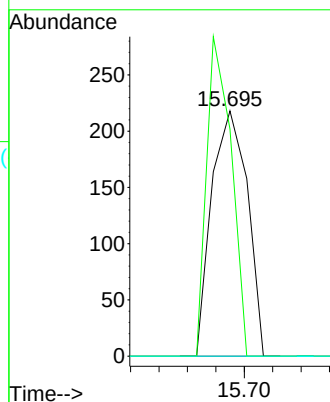
Tgt Ion:166 Resp: 191

Ion Ratio Lower Upper

166 100

165 92.7 78.1 117.1

167 0.0 10.6 15.8#



#60

Diethylphthalate

Concen: 0.026 ng

RT: 15.471 min Scan# 2080

Delta R.T. -0.006 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

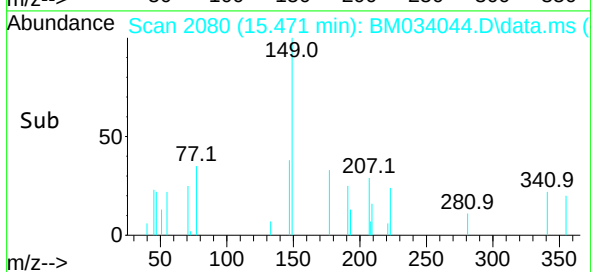
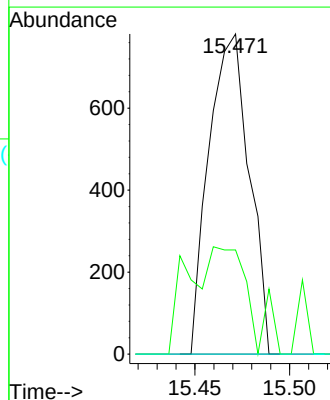
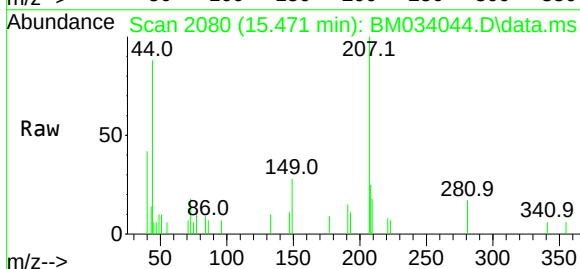
Tgt Ion:149 Resp: 1156

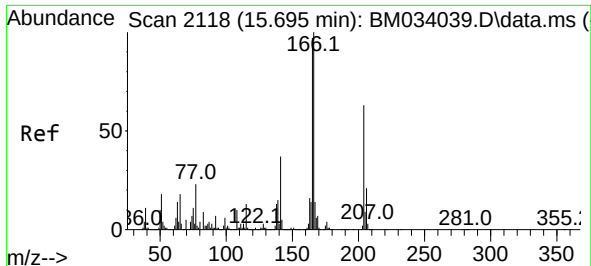
Ion Ratio Lower Upper

149 100

177 32.5 17.5 26.3#

150 0.0 10.3 15.5#

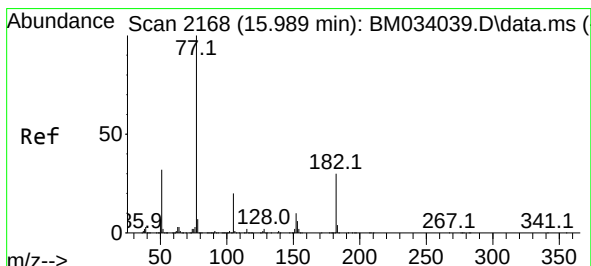
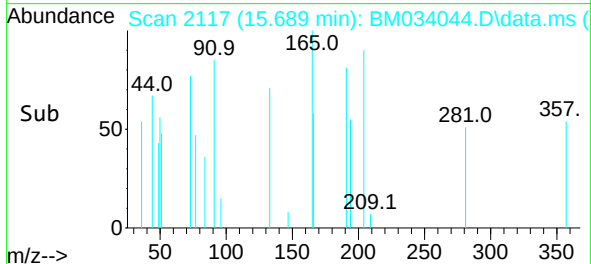
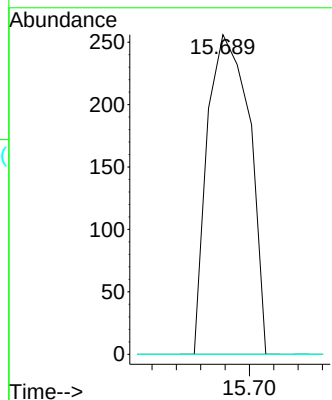
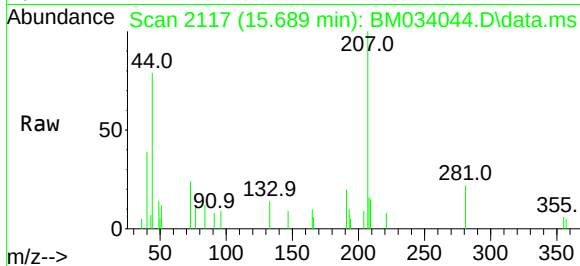




#61
4-Chlorophenyl-phenylether
Concen: 0.013 ng
RT: 15.689 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

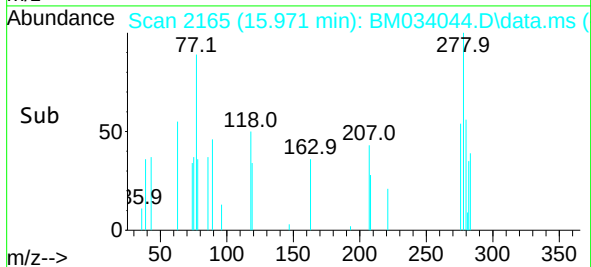
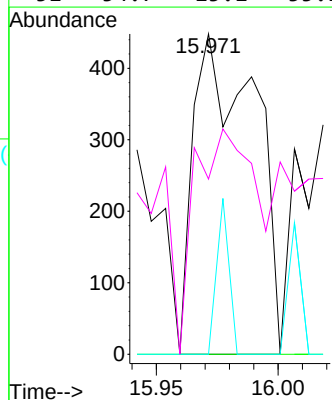
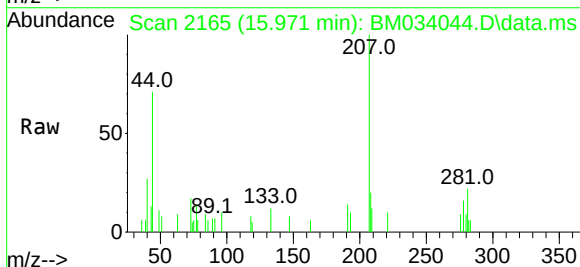
Instrument :
BNA_M
ClientSampleId :
PB142123BL

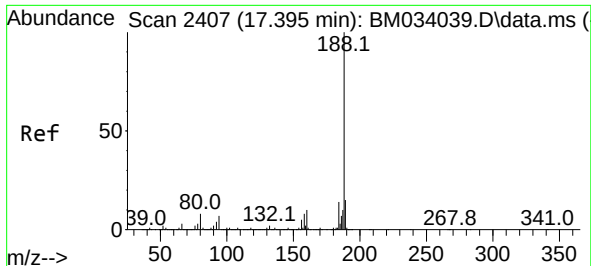
Tgt Ion: 204 Resp: 307
Ion Ratio Lower Upper
204 100
206 0.0 25.4 38.2#
141 0.0 50.6 76.0#



#63
Azobenzene
Concen: 0.020 ng
RT: 15.971 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion: 77 Resp: 780
Ion Ratio Lower Upper
77 100
182 0.0 0.3 40.3#
105 0.0 0.0 38.3
51 54.7 15.1 55.1

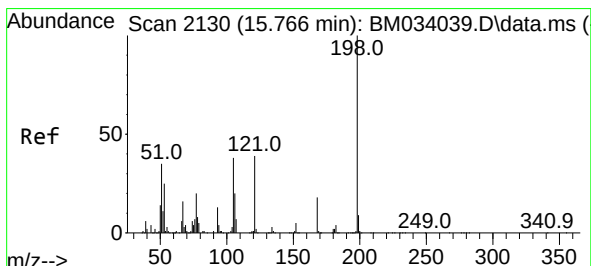
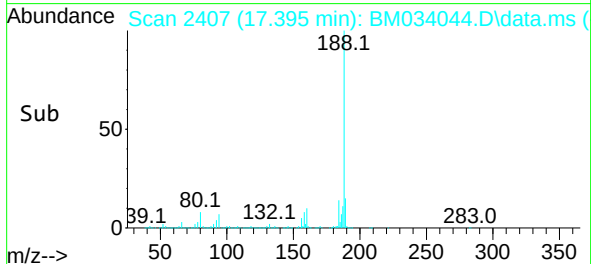
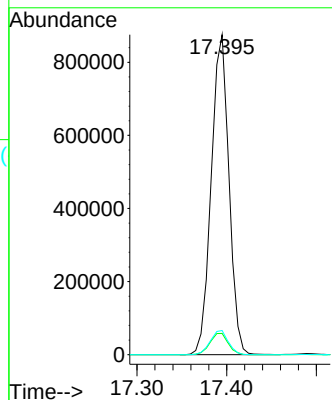
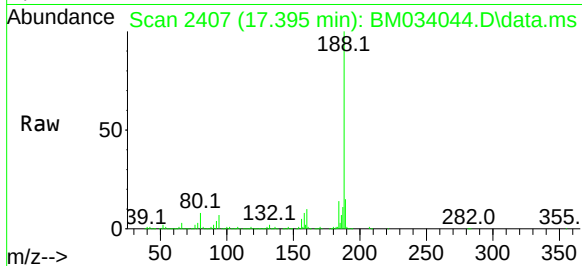




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.395 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

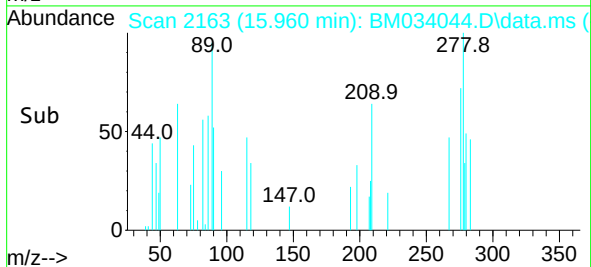
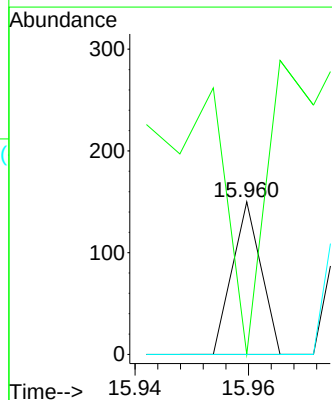
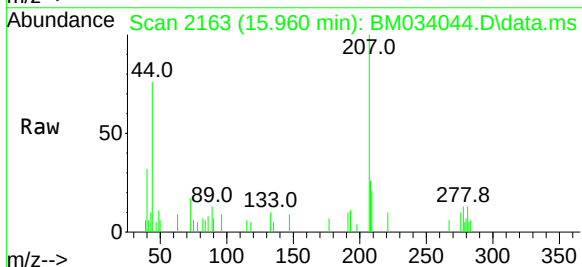
Instrument :
BNA_M
ClientSampleId :
PB142123BL

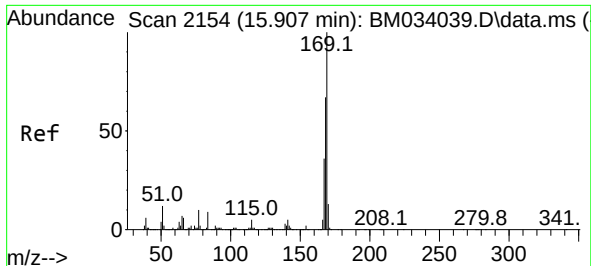
Tgt Ion:188 Resp: 1199650
Ion Ratio Lower Upper
188 100
94 6.7 7.5 11.3#
80 7.5 8.9 13.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 0.008 ng
RT: 15.960 min Scan# 2163
Delta R.T. 0.194 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
51 0.0 47.9 87.9#
105 0.0 32.6 72.6#

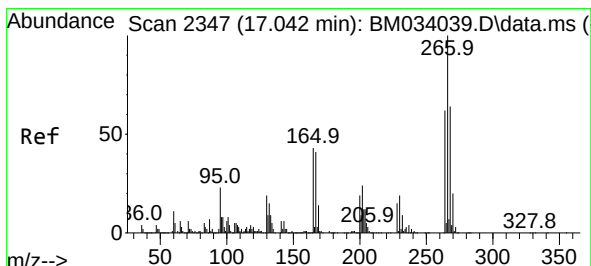
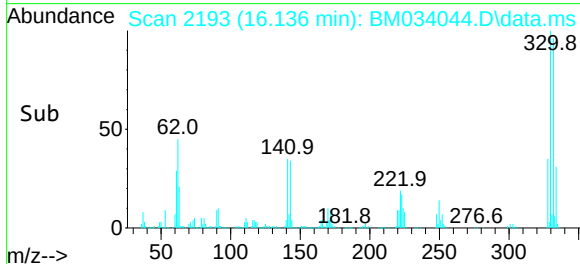
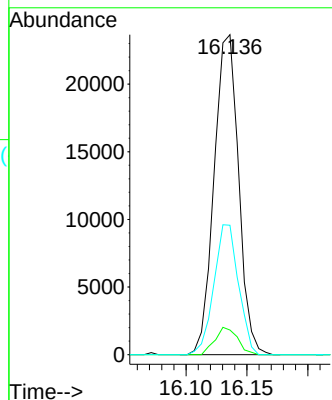
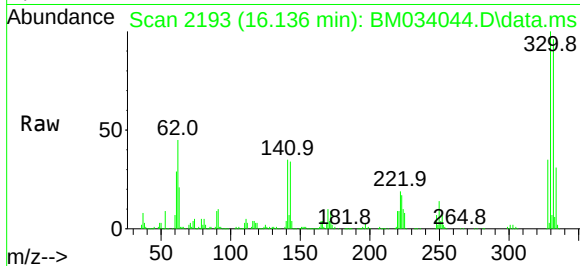




#66
 n-Nitrosodiphenylamine
 Concen: 0.882 ng
 RT: 16.136 min Scan# 2154
 Delta R.T. 0.229 min
 Lab File: BM034044.D
 Acq: 22 Feb 2022 18:41

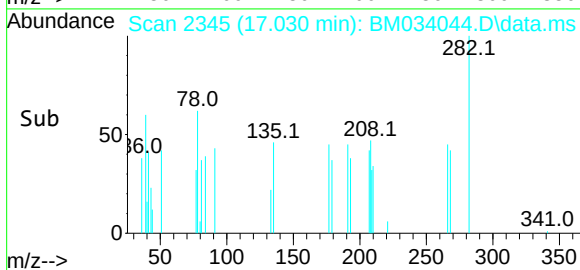
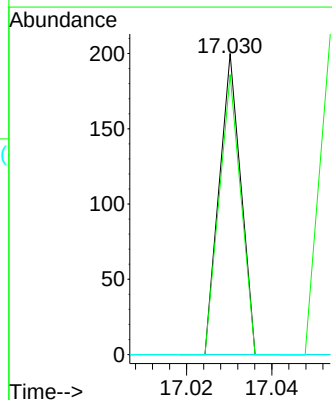
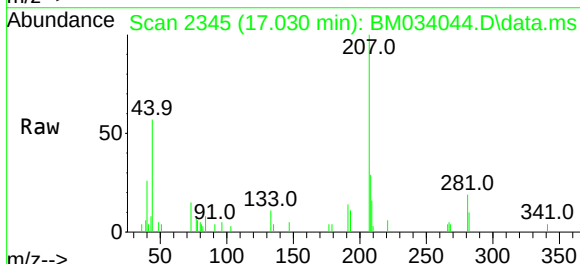
Instrument :
 BNA_M
 ClientSampleId :
 PB142123BL

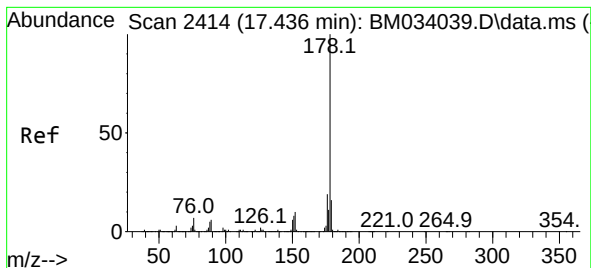
Tgt Ion:169 Resp: 33139
 Ion Ratio Lower Upper
 169 100
 168 7.7 52.5 78.7#
 167 40.5 28.4 42.6



#70
 Pentachlorophenol
 Concen: 0.008 ng
 RT: 17.030 min Scan# 2345
 Delta R.T. -0.012 min
 Lab File: BM034044.D
 Acq: 22 Feb 2022 18:41

Tgt Ion:266 Resp: 71
 Ion Ratio Lower Upper
 266 100
 268 93.0 50.1 75.1#
 264 0.0 49.1 73.7#





#71

Phenanthrene

Concen: 0.017 ng

RT: 17.436 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

Instrument :

BNA_M

ClientSampleId :

PB142123BL

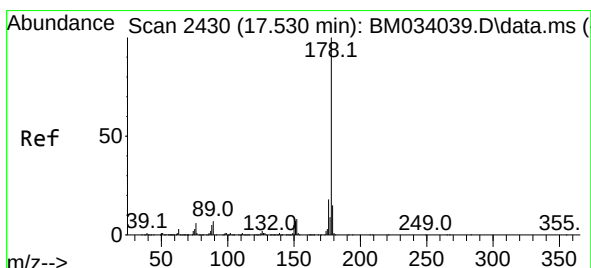
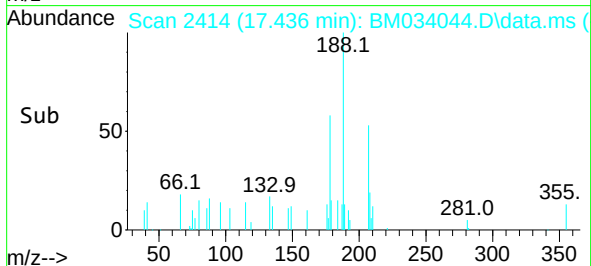
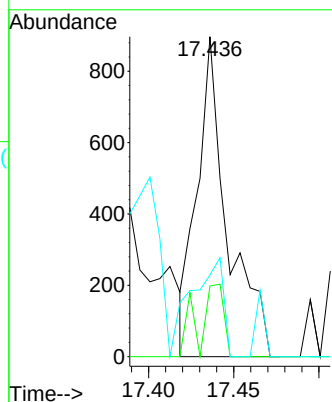
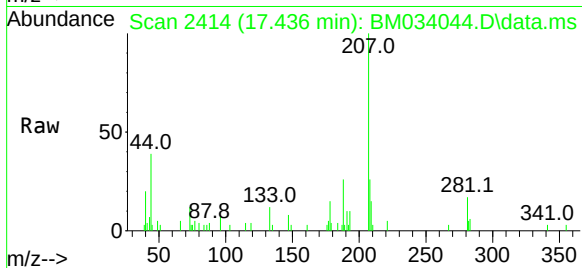
Tgt Ion:178 Resp: 1113

Ion Ratio Lower Upper

178 100

176 22.1 15.1 22.7

179 25.5 12.0 18.0#



#72

Anthracene

Concen: 0.008 ng

RT: 17.530 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

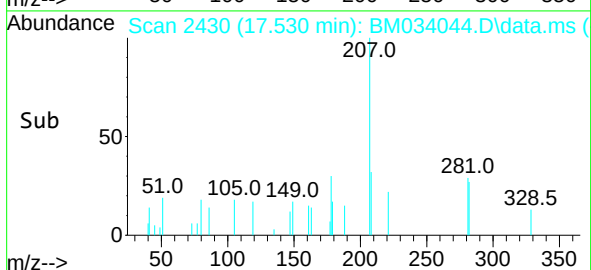
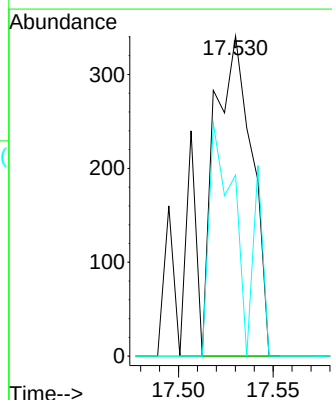
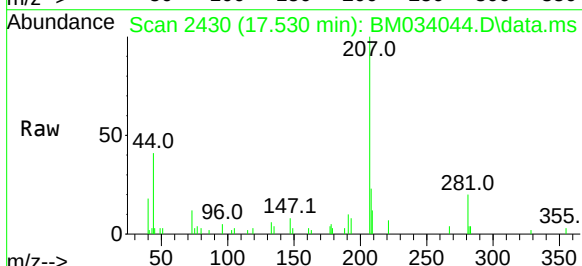
Tgt Ion:178 Resp: 548

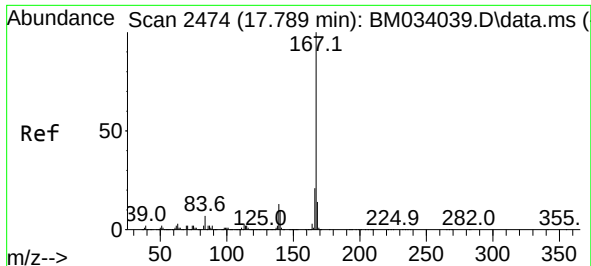
Ion Ratio Lower Upper

178 100

176 0.0 14.5 21.7#

179 56.6 11.9 17.9#

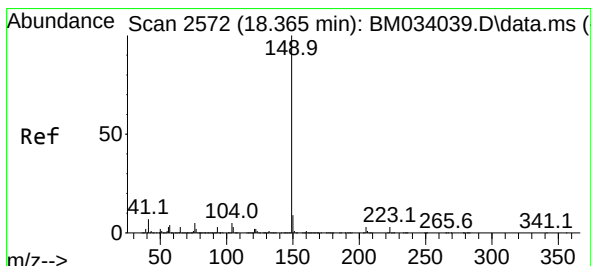
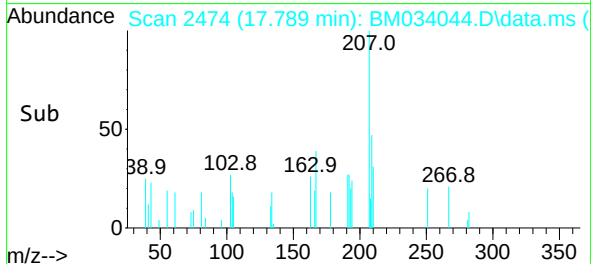
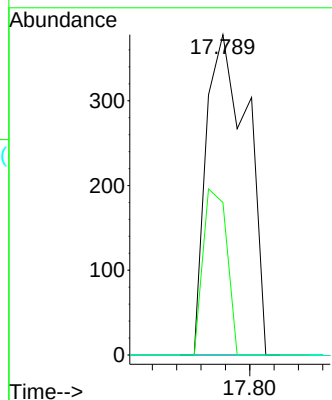
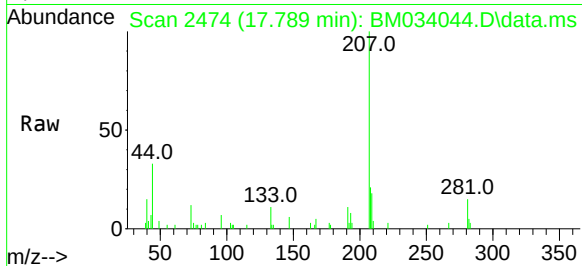




#73
 Carbazole
 Concen: 0.007 ng
 RT: 17.789 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BM034044.D
 Acq: 22 Feb 2022 18:41

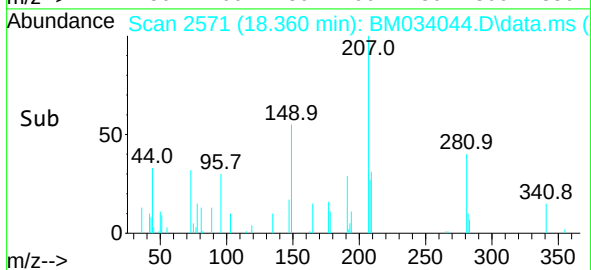
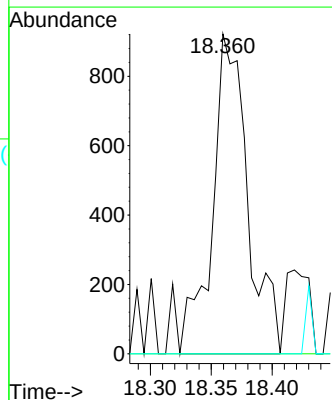
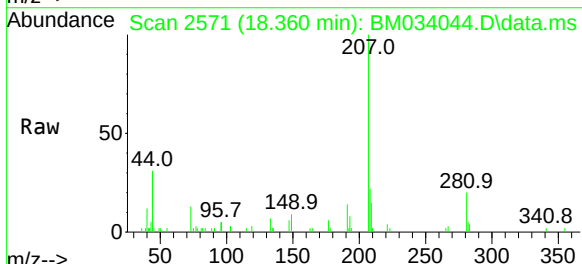
Instrument :
 BNA_M
 ClientSampleId :
 PB142123BL

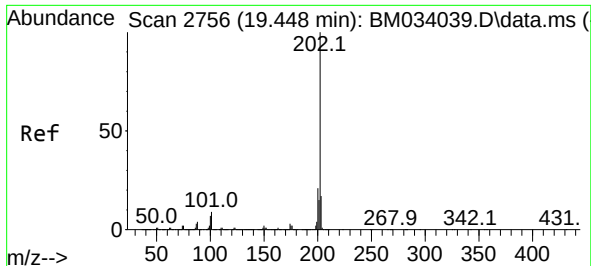
Tgt Ion:167 Resp: 443
 Ion Ratio Lower Upper
 167 100
 166 47.6 17.2 25.8#
 139 0.0 11.0 16.4#



#74
 Di-n-butylphthalate
 Concen: 0.027 ng
 RT: 18.360 min Scan# 2571
 Delta R.T. -0.006 min
 Lab File: BM034044.D
 Acq: 22 Feb 2022 18:41

Tgt Ion:149 Resp: 1855
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.3 10.9#
 104 0.0 4.6 6.8#

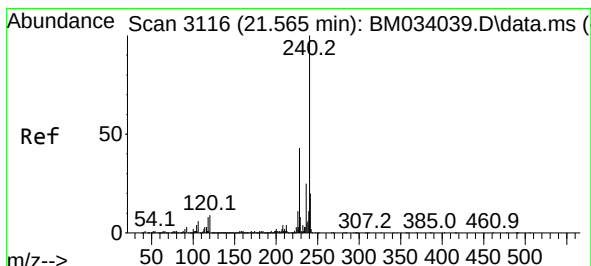
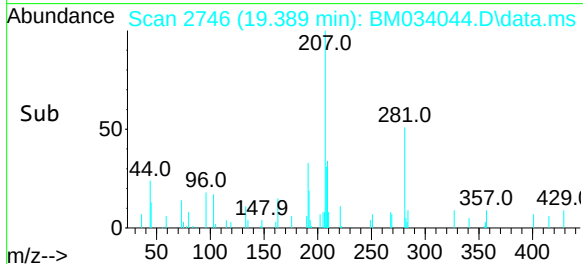
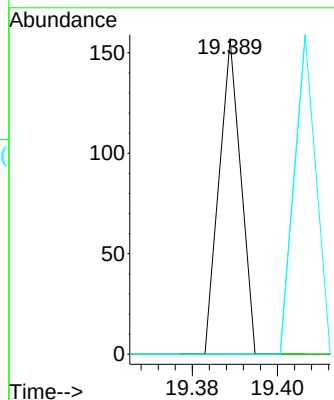
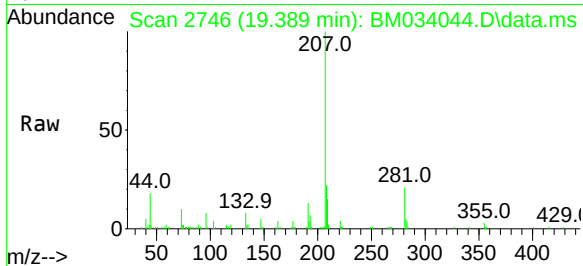




#75
Fluoranthene
Concen: 0.001 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.059 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

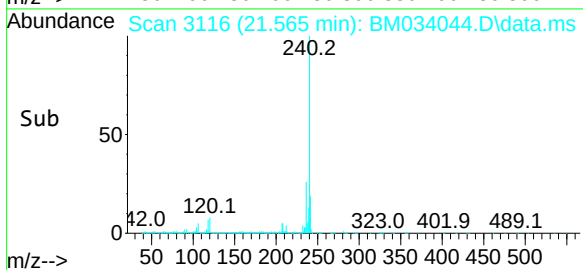
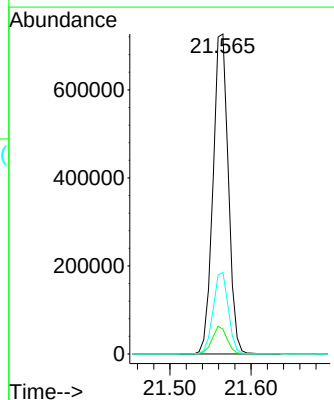
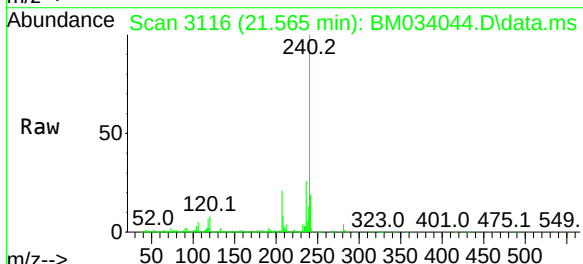
Instrument :
BNA_M
ClientSampleId :
PB142123BL

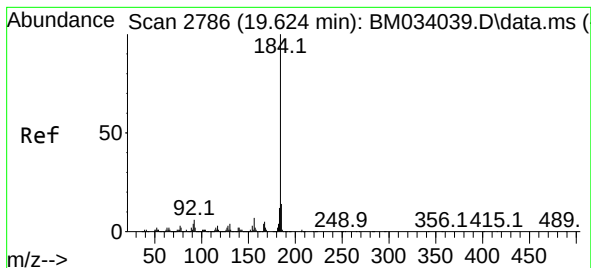
Tgt Ion:202 Resp: 55
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.8
203 0.0 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion:240 Resp: 950825
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.6
236 25.5 20.3 30.5





#77

Benzidine

Concen: 0.050 ng

RT: 19.624 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

Instrument :

BNA_M

ClientSampleId :

PB142123BL

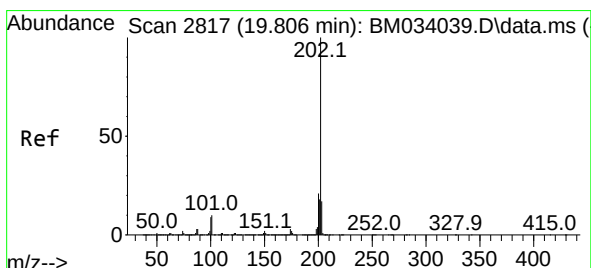
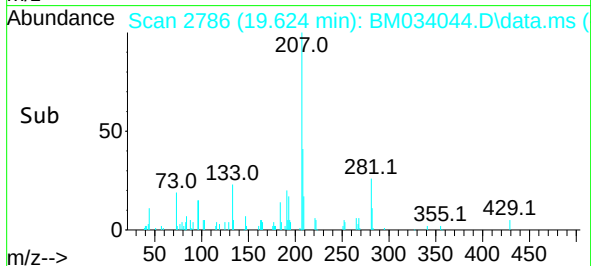
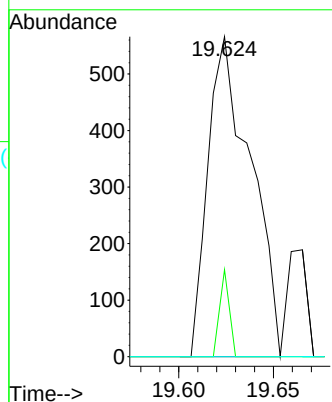
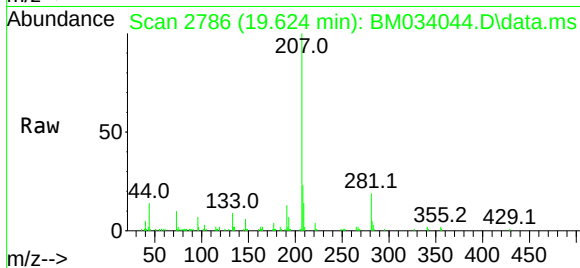
Tgt Ion:184 Resp: 888

Ion Ratio Lower Upper

184 100

185 27.2 11.4 17.0#

183 0.0 9.7 14.5#



#78

Pyrene

Concen: 0.285 ng

RT: 20.012 min Scan# 2852

Delta R.T. 0.206 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

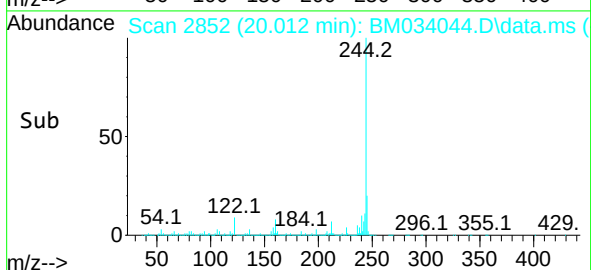
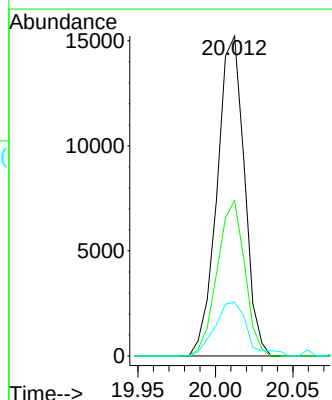
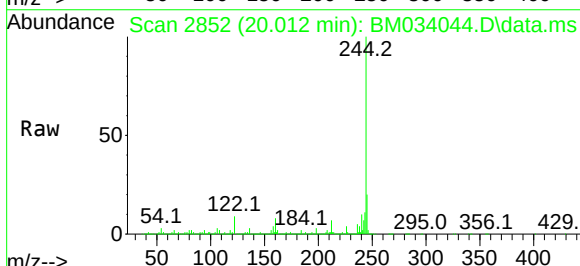
Tgt Ion:202 Resp: 18630

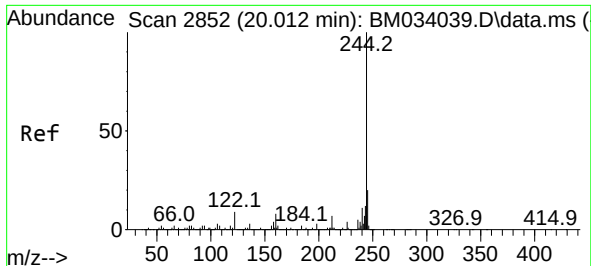
Ion Ratio Lower Upper

202 100

200 48.6 16.4 24.6#

203 16.7 13.5 20.3

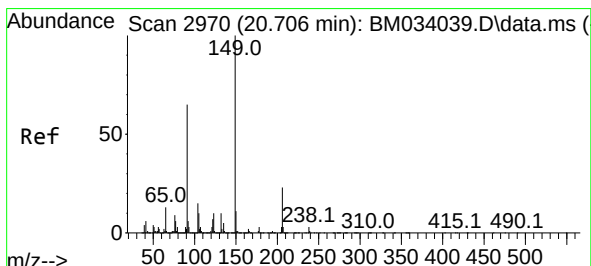
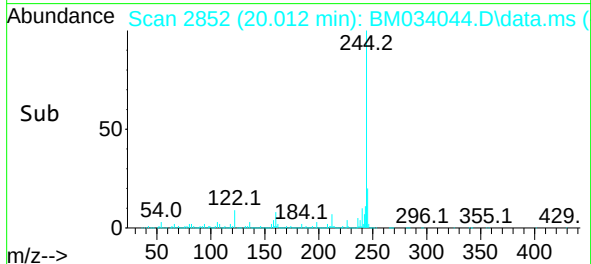
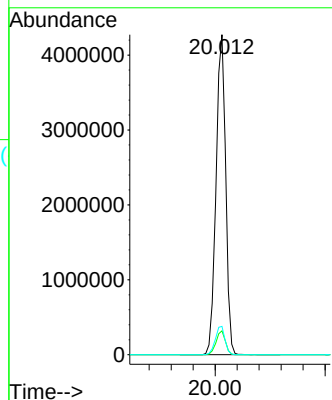
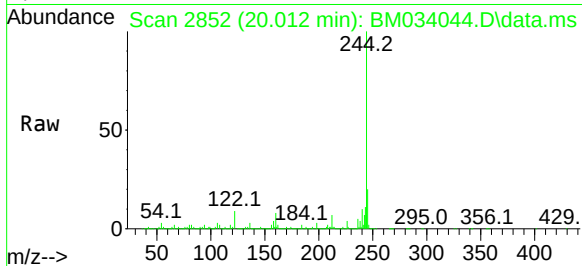




#79
 Terphenyl-d14
 Concen: 95.335 ng
 RT: 20.012 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM034044.D
 Acq: 22 Feb 2022 18:41

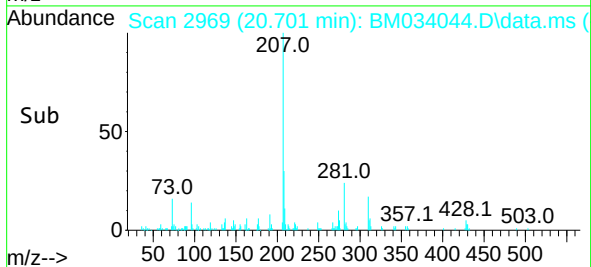
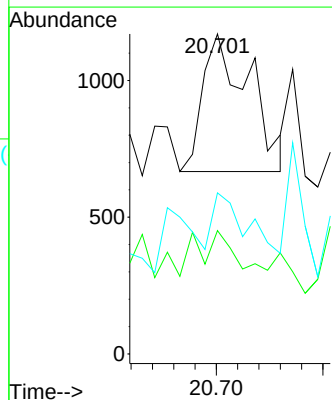
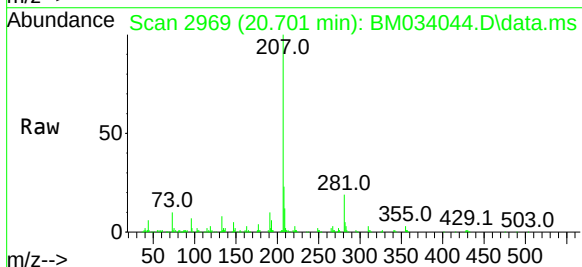
Instrument :
 BNA_M
 ClientSampleId :
 PB142123BL

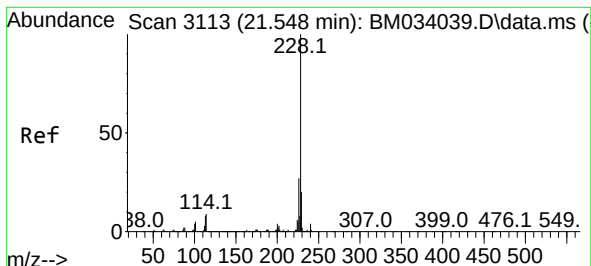
Tgt Ion:244 Resp: 5205604
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.9 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 0.031 ng
 RT: 20.701 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM034044.D
 Acq: 22 Feb 2022 18:41

Tgt Ion:149 Resp: 768
 Ion Ratio Lower Upper
 149 100
 91 38.5 63.4 95.0#
 206 50.3 16.8 25.2#





#81

Benzo(a)anthracene

Concen: 0.062 ng

RT: 21.559 min Scan# 3113

Delta R.T. 0.012 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

Instrument :

BNA_M

ClientSampleId :

PB142123BL

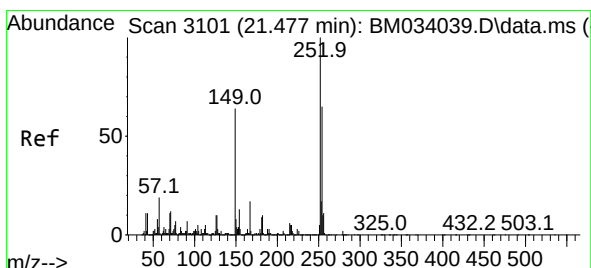
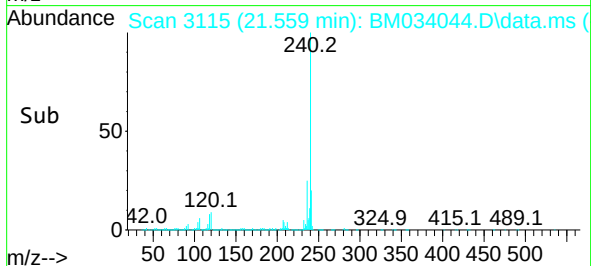
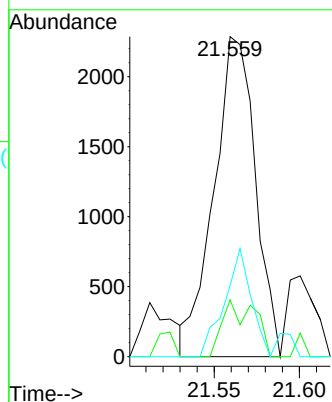
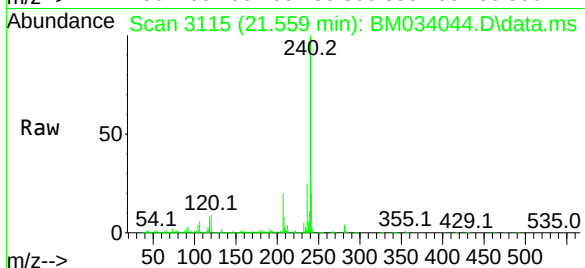
Tgt Ion:228 Resp: 3848

Ion Ratio Lower Upper

228 100

226 17.7 21.0 31.6#

229 22.2 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 0.029 ng

RT: 21.471 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

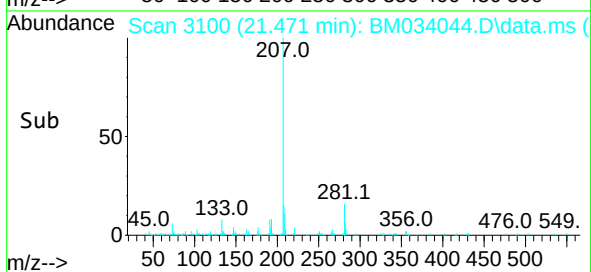
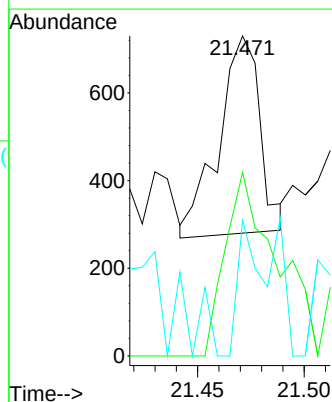
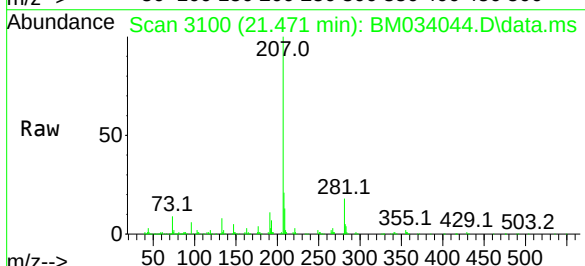
Tgt Ion:252 Resp: 607

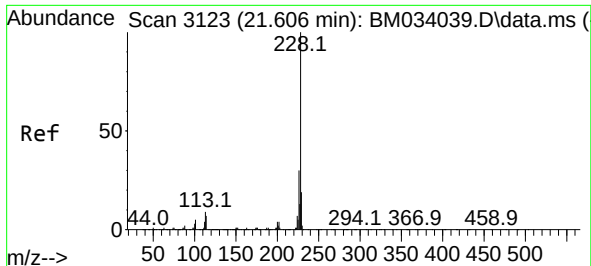
Ion Ratio Lower Upper

252 100

254 57.4 50.9 76.3

126 42.3 8.8 13.2#





#83

Chrysene

Concen: 0.011 ng

RT: 21.600 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

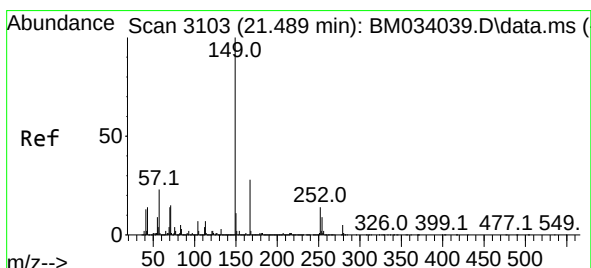
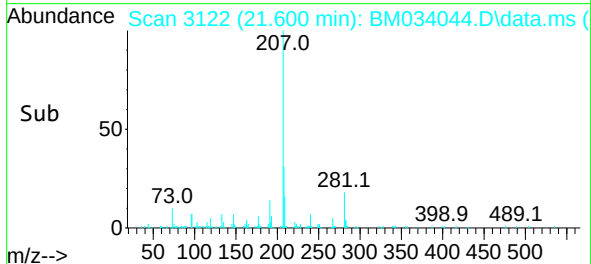
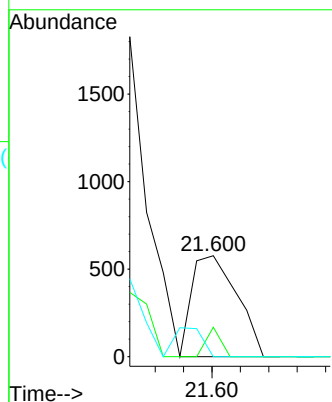
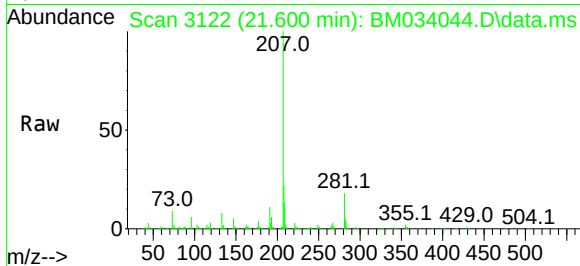
Instrument :

BNA_M

ClientSampleId :

PB142123BL

Tgt Ion:	228	Resp:	638
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.8	35.8
229	0.0	15.8	23.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng

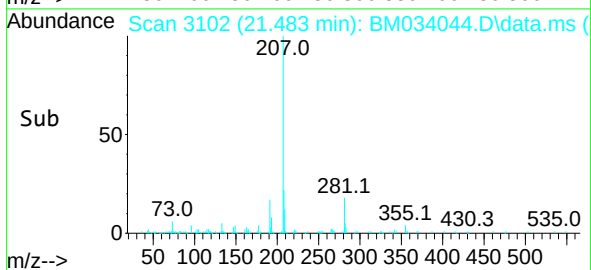
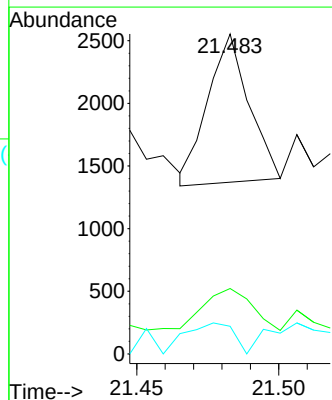
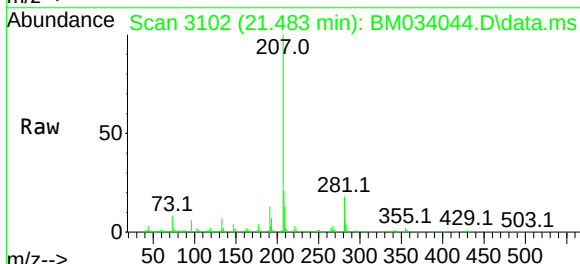
RT: 21.483 min Scan# 3102

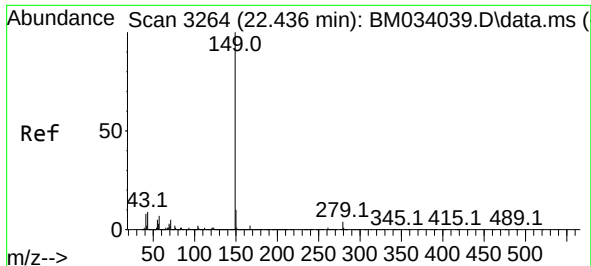
Delta R.T. -0.006 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

Tgt Ion:	149	Resp:	1194
Ion Ratio	Lower	Upper	
149	100		
167	20.4	21.4	32.0#
279	8.7	3.0	4.6#

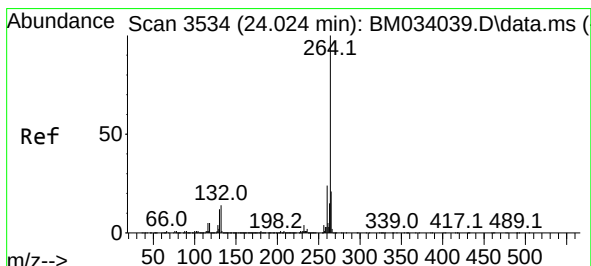
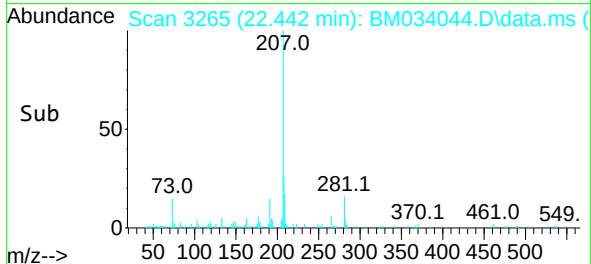
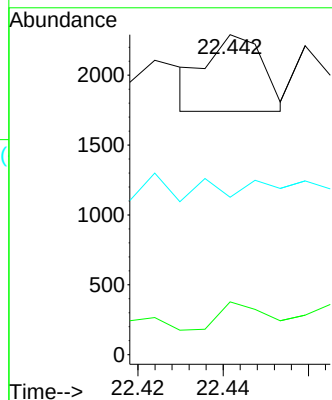
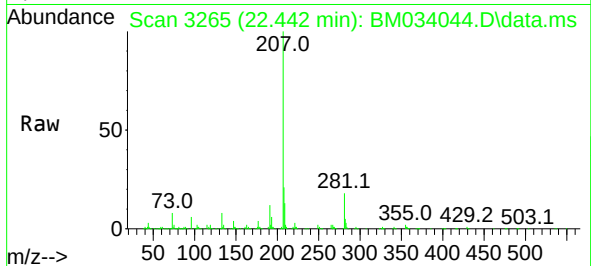




#85
Di-n-octyl phthalate
Concen: 0.008 ng
RT: 22.442 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

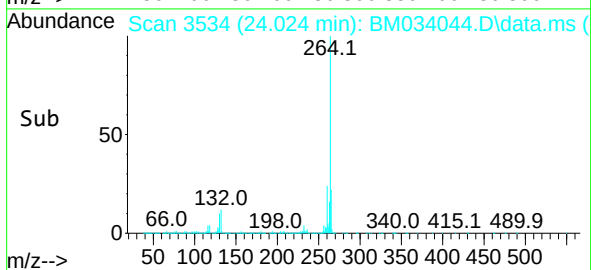
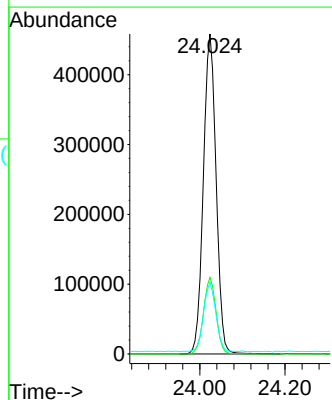
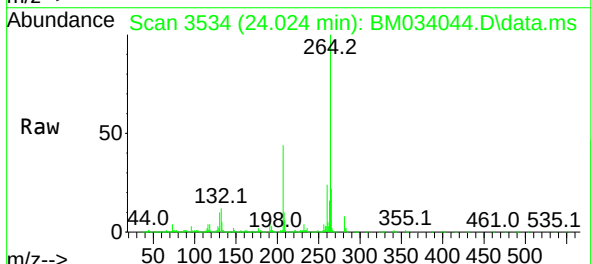
Instrument :
BNA_M
ClientSampleId :
PB142123BL

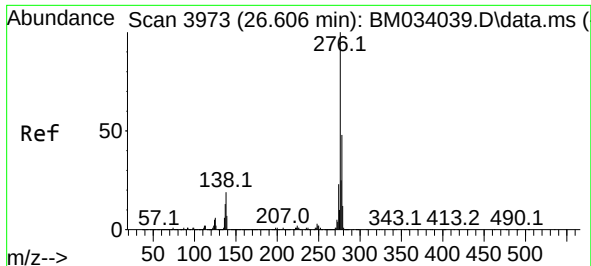
Tgt Ion:149 Resp: 495
Ion Ratio Lower Upper
149 100
167 30.5 1.3 1.9#
43 0.0 10.4 15.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.024 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion:264 Resp: 950715
Ion Ratio Lower Upper
264 100
260 23.9 17.7 26.5
265 22.4 17.7 26.5

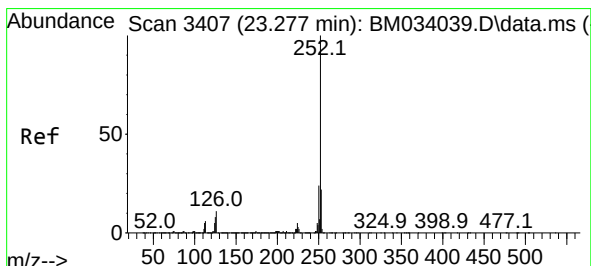
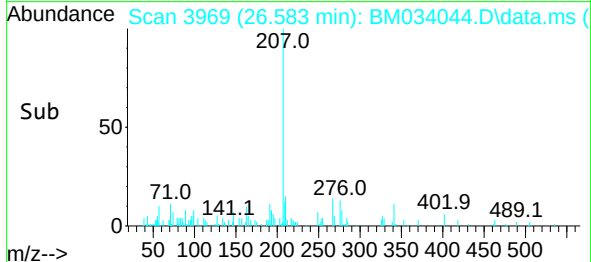
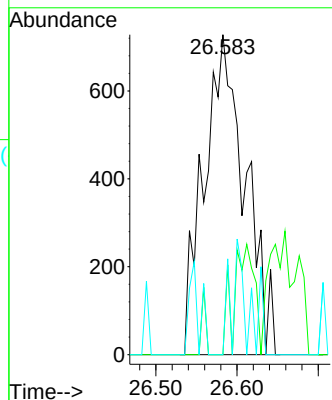
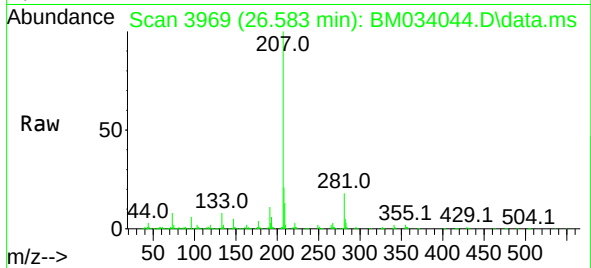




#87
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng
RT: 26.583 min Scan# 3969
Delta R.T. -0.024 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

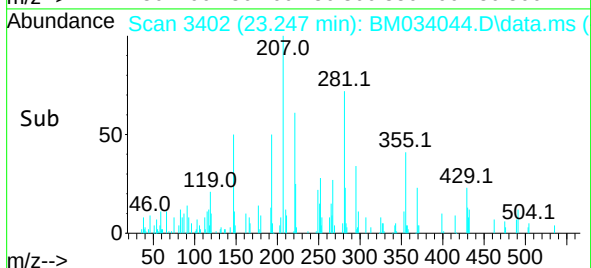
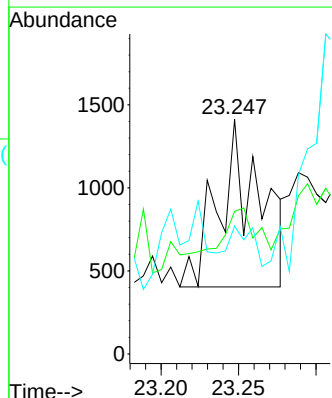
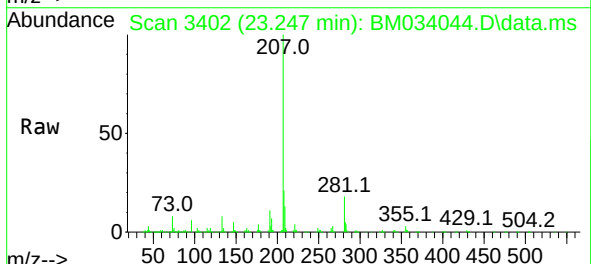
Instrument :
BNA_M
ClientSampleId :
PB142123BL

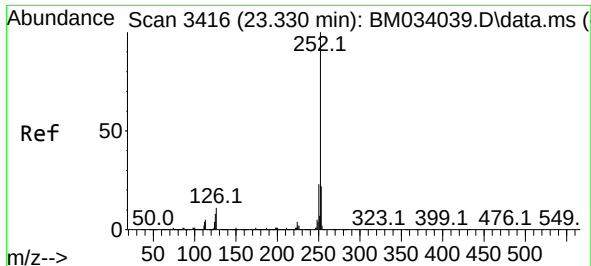
Tgt Ion:276 Resp: 2556
Ion Ratio Lower Upper
276 100
138 0.0 18.7 28.1#
277 0.0 20.2 30.4#



#88
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 23.247 min Scan# 3402
Delta R.T. -0.029 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion:252 Resp: 1849
Ion Ratio Lower Upper
252 100
253 60.7 17.1 25.7#
125 54.5 7.4 11.2#

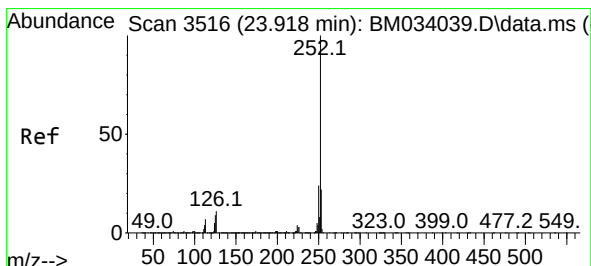
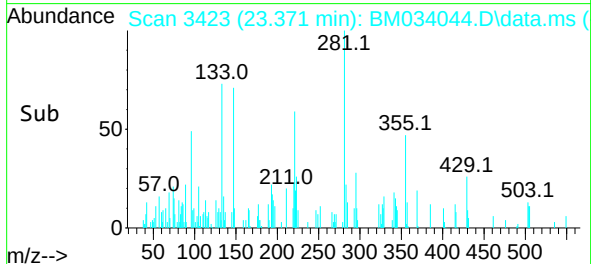
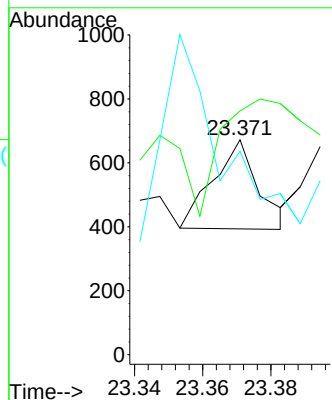
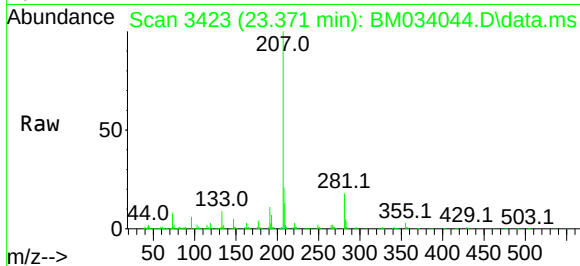




#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 23.371 min Scan# 3416
Delta R.T. 0.041 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

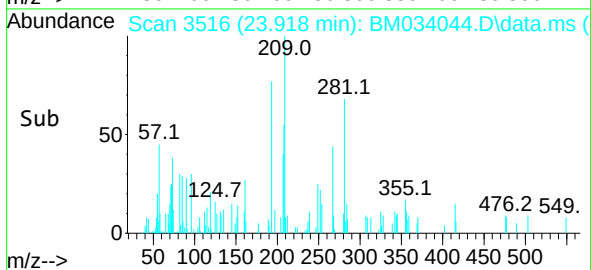
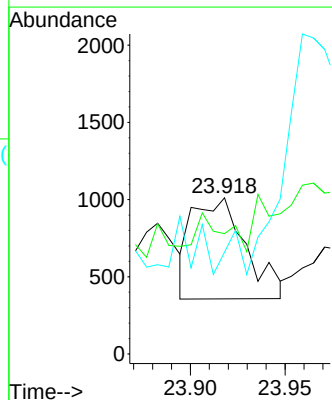
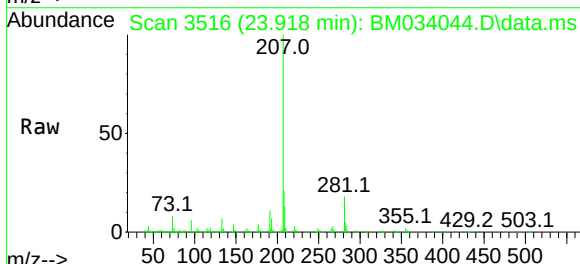
Instrument :
BNA_M
ClientSampleId :
PB142123BL

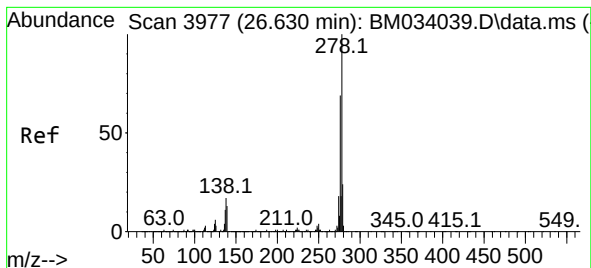
Tgt Ion:252 Resp: 258
Ion Ratio Lower Upper
252 100
253 113.5 17.8 26.8#
125 94.6 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 0.026 ng
RT: 23.918 min Scan# 3516
Delta R.T. -0.000 min
Lab File: BM034044.D
Acq: 22 Feb 2022 18:41

Tgt Ion:252 Resp: 1288
Ion Ratio Lower Upper
252 100
253 77.1 17.5 26.3#
125 65.1 7.8 11.8#





#91

Dibenzo(a,h)anthracene

Concen: 0.044 ng

RT: 26.600 min Scan# 3977

Delta R.T. -0.029 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

Instrument :

BNA_M

ClientSampleId :

PB142123BL

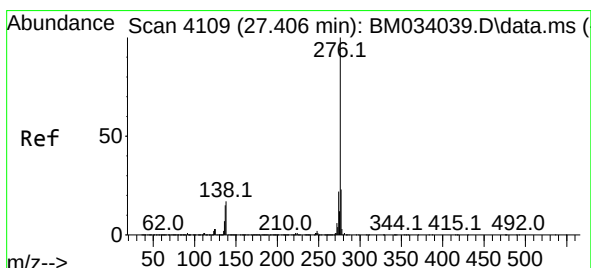
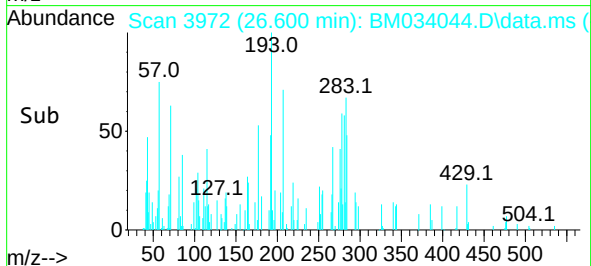
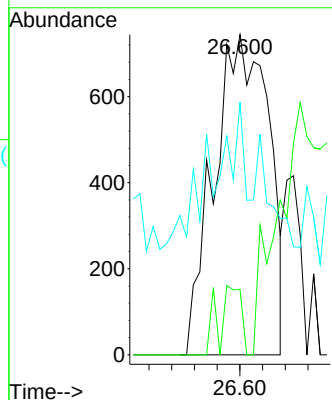
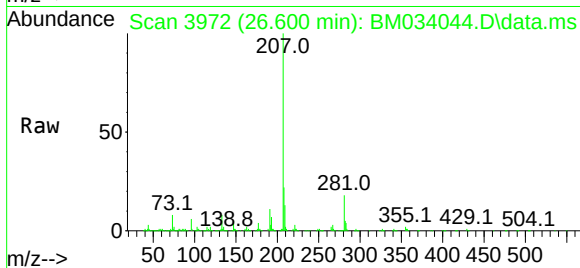
Tgt Ion:278 Resp: 2491

Ion Ratio Lower Upper

278 100

139 20.4 10.9 16.3#

279 78.9 17.7 26.5#



#92

Benzo(g,h,i)perylene

Concen: 0.036 ng

RT: 27.377 min Scan# 4104

Delta R.T. -0.029 min

Lab File: BM034044.D

Acq: 22 Feb 2022 18:41

Tgt Ion:276 Resp: 1978

Ion Ratio Lower Upper

276 100

277 32.7 19.1 28.7#

138 0.0 14.8 22.2#

