

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031723\
 Data File : BM039030.D
 Acq On : 17 Mar 2023 11:27
 Operator : CG/JU
 Sample : PB151349BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151349BL

Quant Time: Mar 18 01:43:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	381332	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1522549	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	890813	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	1898052	20.000	ng	0.00
76) Chrysene-d12	21.538	240	1540753	20.000	ng	0.00
86) Perylene-d12	23.974	264	1429904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3610003	143.829	ng	0.00
7) Phenol-d6	7.134	99	4508834	138.301	ng	0.00
23) Nitrobenzene-d5	9.145	82	2687288	86.698	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1432605	139.016	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5572303	81.431	ng	0.00
79) Terphenyl-d14	19.980	244	8356066	99.157	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	124	0.011	ng	# 1
3) Pyridine	3.810	79	362	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.716	42	142	0.011	ng	# 1
6) Aniline	7.310	93	339	0.008	ng	# 29
8) 2-Chlorophenol	7.551	128	176	0.007	ng	# 34
9) Benzaldehyde	7.134	77	7156	0.461	ng	# 3
10) Phenol	7.139	94	1133	0.033	ng	# 1
11) bis(2-Chloroethyl)ether	7.398	93	221	0.008	ng	# 34
15) Benzyl Alcohol	8.233	79	379	0.016	ng	# 27
16) 2,2'-oxybis(1-Chloropr...	8.522	45	323	0.009	ng	# 1
17) 2-Methylphenol	8.610	107	62	0.003	ng	# 1
18) Hexachloroethane	9.045	117	67	0.006	ng	# 4
19) n-Nitroso-di-n-propyla...	8.733	70	189	0.009	ng	# 1
20) 3+4-Methylphenols	8.745	107	78	0.002	ng	# 1
22) Acetophenone	8.804	105	180	0.004	ng	# 1
24) Nitrobenzene	9.222	77	355	0.011	ng	# 39
25) Isophorone	9.704	82	312	0.005	ng	# 66
27) 2,4-Dimethylphenol	10.063	122	361	0.015	ng	# 4
28) bis(2-Chloroethoxy)met...	10.210	93	89	0.002	ng	# 50
31) Naphthalene	10.839	128	210	0.002	ng	# 69
32) Benzoic acid	10.086	122	191	5.742	ng	# 5
46) 1,1'-Biphenyl	13.245	154	11661	0.155	ng	# 1
48) 2-Nitroaniline	13.715	65	65	2.219	ng	# 6
49) Acenaphthylene	14.327	152	76	0.001	ng	# 61
50) Dimethylphthalate	14.068	163	87	0.001	ng	# 77
52) Acenaphthene	14.615	154	3112	0.056	ng	# 4
53) 3-Nitroaniline	14.615	138	59	1.592	ng	# 1
57) 2,4-Dinitrotoluene	15.151	165	57	2.074	ng	# 20
58) Fluorene	15.668	166	59	0.001	ng	# 10
60) Diethylphthalate	15.433	149	745	0.011	ng	# 82
63) Azobenzene	15.821	77	296	0.004	ng	# 49
66) n-Nitrosodiphenylamine	16.098	169	50657	0.792	ng	# 44
70) Pentachlorophenol	17.003	266	145	0.009	ng	# 19
71) Phenanthrene	17.403	178	472	0.004	ng	# 60
72) Anthracene	17.492	178	236	0.002	ng	# 60
73) Carbazole	17.768	167	498	0.005	ng	# 60

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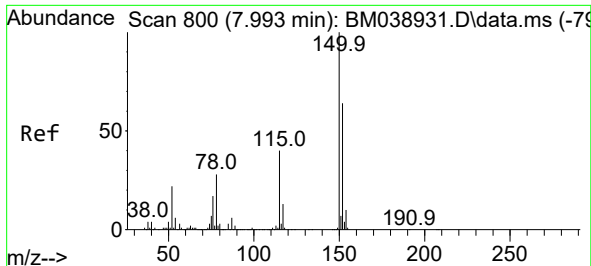
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Di-n-butylphthalate	18.327	149	3110	1.823	ng	# 90
75) Fluoranthene	19.415	202	733	0.006	ng	# 39
77) Benzidine	19.609	184	463	4.888	ng	# 35
78) Pyrene	19.780	202	865	0.007	ng	# 57
80) Butylbenzylphthalate	20.533	149	158	3.319	ng	92
81) Benzo(a)anthracene	21.574	228	1797	0.016	ng	95
82) 3,3'-Dichlorobenzidine	21.456	252	209	0.006	ng	# 53
83) Chrysene	21.574	228	1797	0.017	ng	98
84) Bis(2-ethylhexyl)phtha...	21.450	149	1772	2.509	ng	# 83
85) Di-n-octyl phthalate	22.386	149	1119	3.805	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.521	276	496	0.005	ng	# 77
88) Benzo(b)fluoranthene	23.233	252	1969	0.022	ng	# 1
89) Benzo(k)fluoranthene	23.274	252	1494	0.016	ng	# 1
90) Benzo(a)pyrene	23.868	252	1230	0.014	ng	# 1
91) Dibenzo(a,h)anthracene	26.515	278	460	0.005	ng	# 1
92) Benzo(g,h,i)perylene	27.273	276	340	0.004	ng	# 52

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

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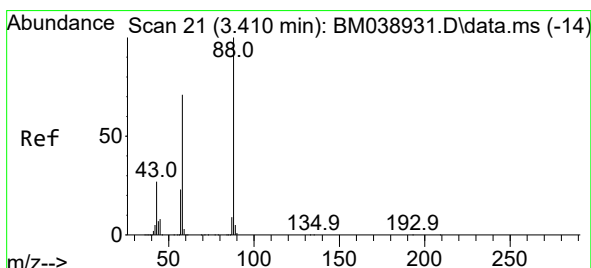
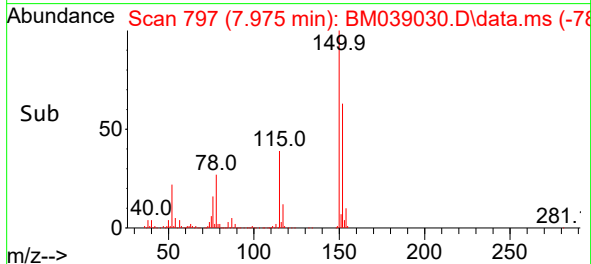
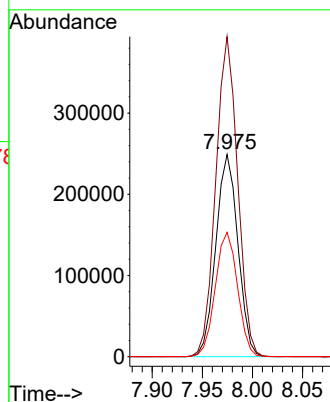
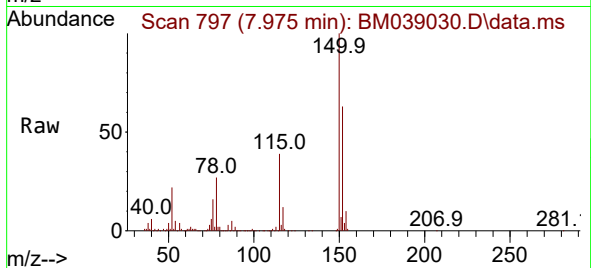




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM039030.D
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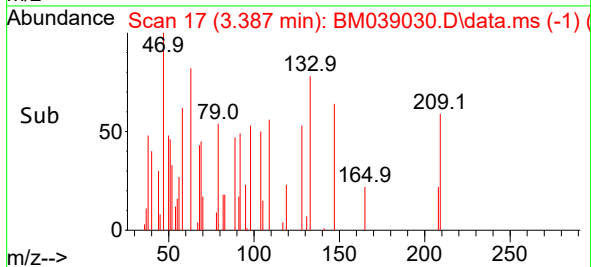
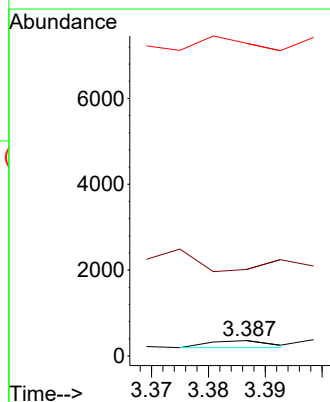
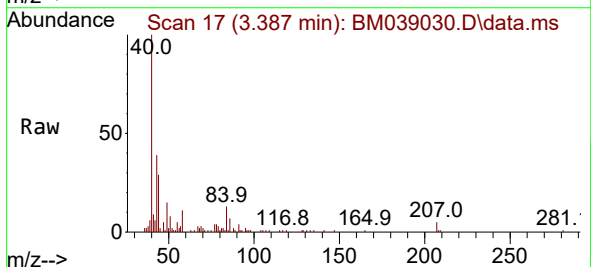
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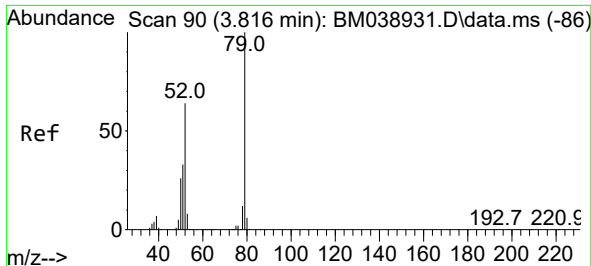
Tgt Ion:152 Resp: 381332
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.1 187.7
 115 61.5 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.011 ng
 RT: 3.387 min Scan# 17
 Delta R.T. -0.006 min
 Lab File: BM039030.D
 Acq: 17 Mar 2023 11:27

Tgt Ion: 88 Resp: 124
 Ion Ratio Lower Upper
 88 100
 58 276.6 57.2 85.8#
 43 0.0 22.0 33.0#

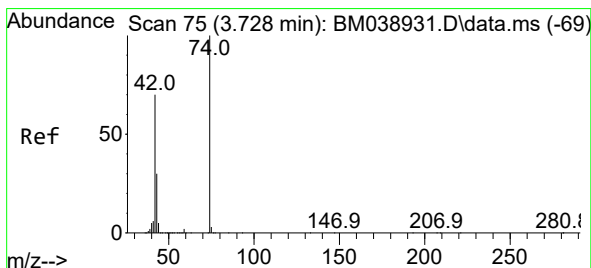
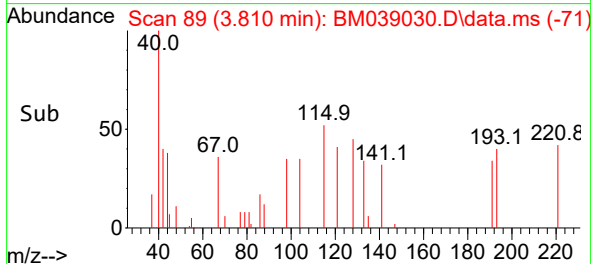
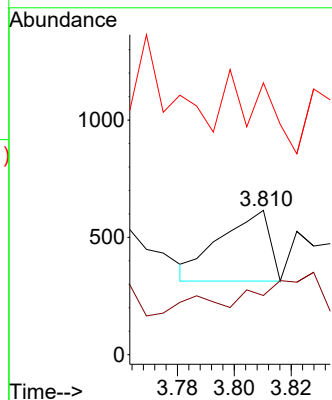
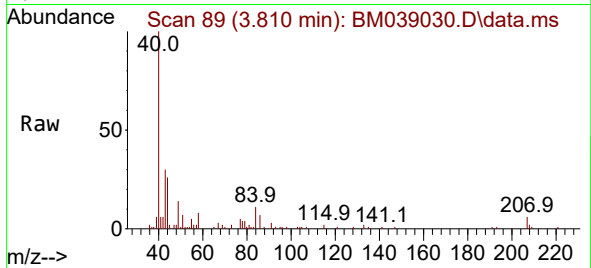




#3
Pyridine
Concen: 0.012 ng
RT: 3.810 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

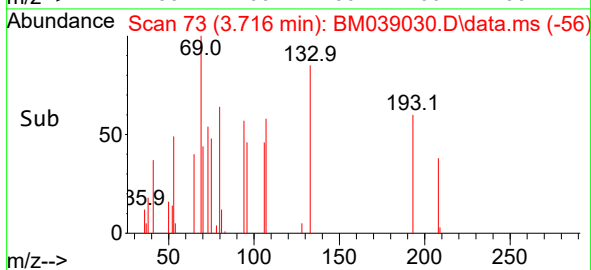
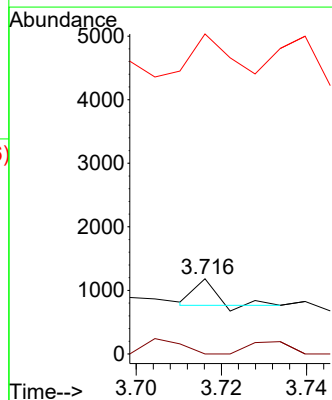
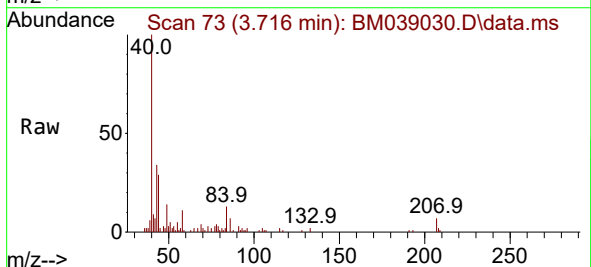
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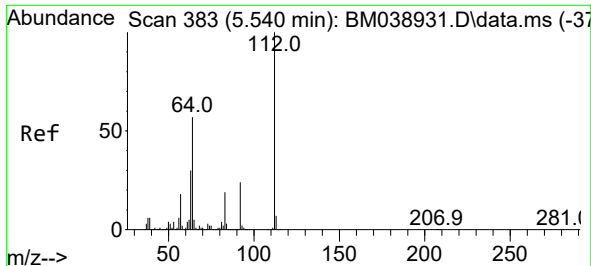
Tgt Ion: 79 Resp: 362
Ion Ratio Lower Upper
79 100
52 41.0 51.4 77.2#
51 188.5 26.6 40.0#



#4
n-Nitrosodimethylamine
Concen: 0.011 ng
RT: 3.716 min Scan# 73
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 42 Resp: 142
Ion Ratio Lower Upper
42 100
74 0.0 113.8 170.8#
44 425.9 6.2 9.2#

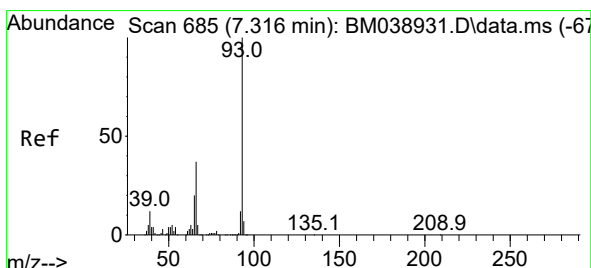
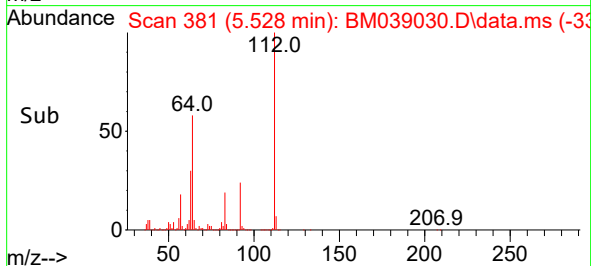
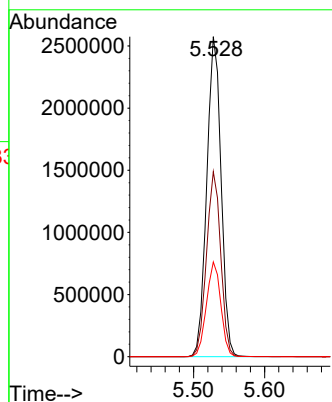
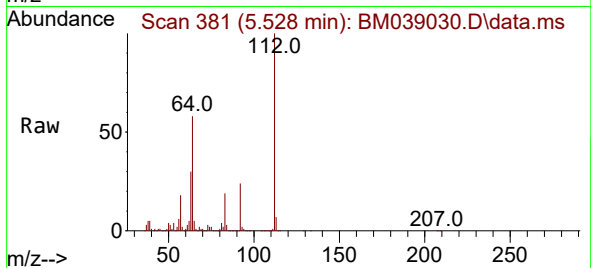




#5
2-Fluorophenol
Concen: 143.829 ng
RT: 5.528 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

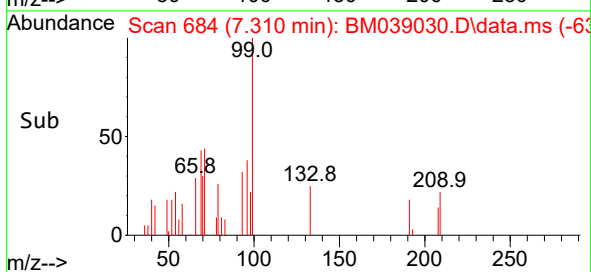
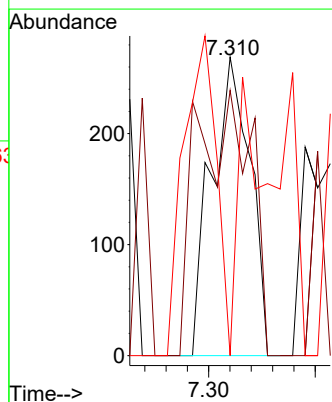
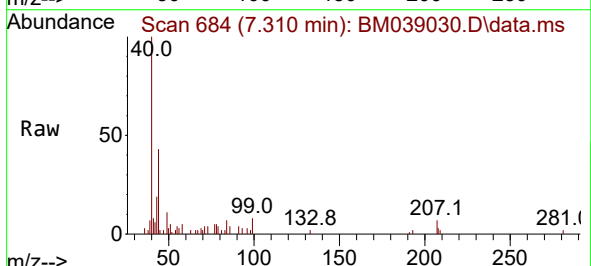
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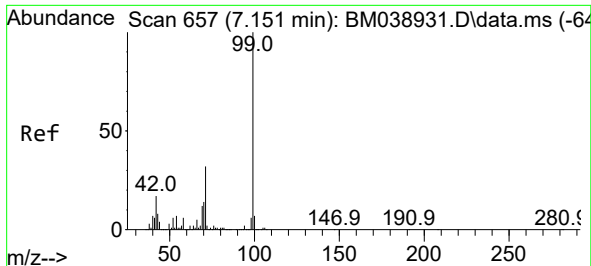
Tgt Ion:112 Resp: 3610003
Ion Ratio Lower Upper
112 100
64 57.8 45.9 68.9
63 29.6 23.8 35.8



#6
Aniline
Concen: 0.008 ng
RT: 7.310 min Scan# 684
Delta R.T. 0.012 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 93 Resp: 339
Ion Ratio Lower Upper
93 100
66 88.8 30.0 45.0#
65 0.0 15.8 23.6#

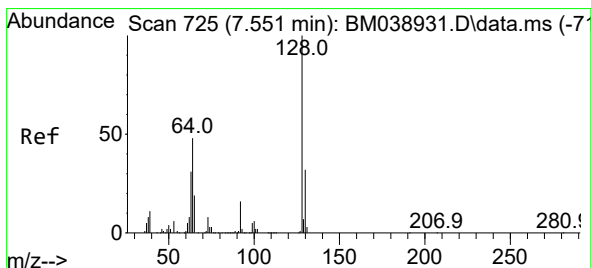
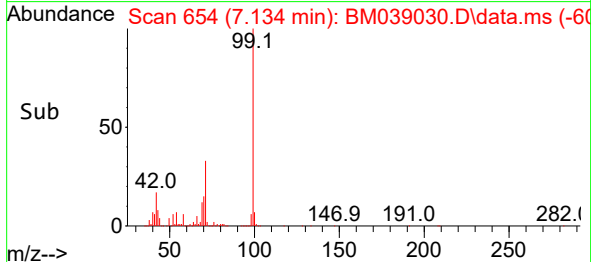
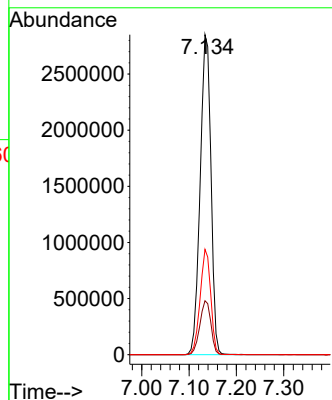
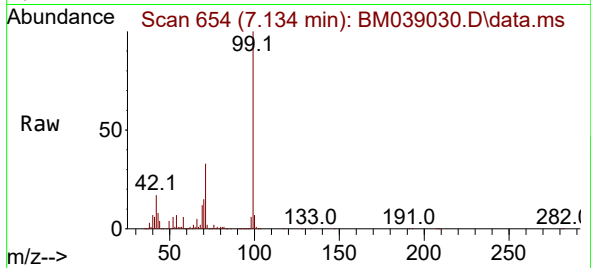




#7
Phenol-d6
Concen: 138.301 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

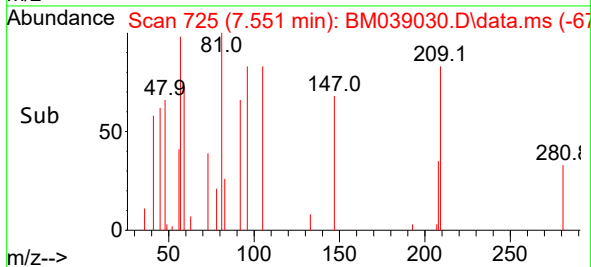
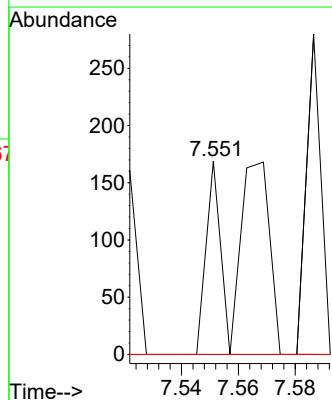
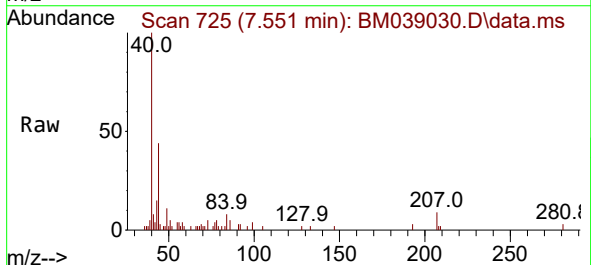
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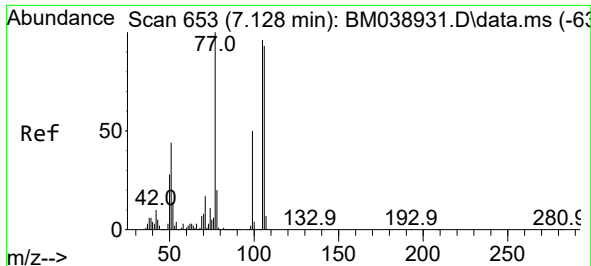
Tgt Ion: 99 Resp: 4508834
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 32.9 25.6 38.4



#8
2-Chlorophenol
Concen: 0.007 ng
RT: 7.551 min Scan# 725
Delta R.T. 0.012 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 128 Resp: 176
Ion Ratio Lower Upper
128 100
130 0.0 11.9 51.9#
64 0.0 28.6 68.6#

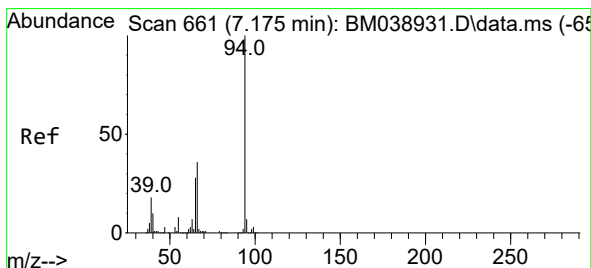
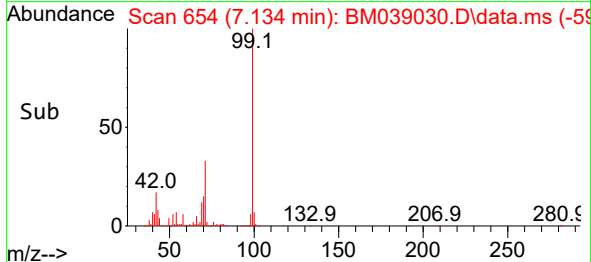
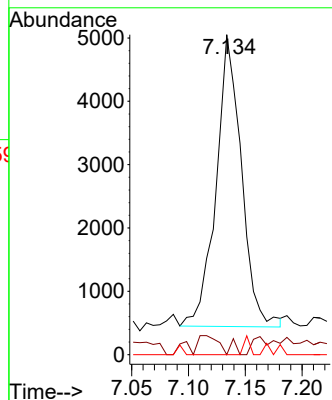
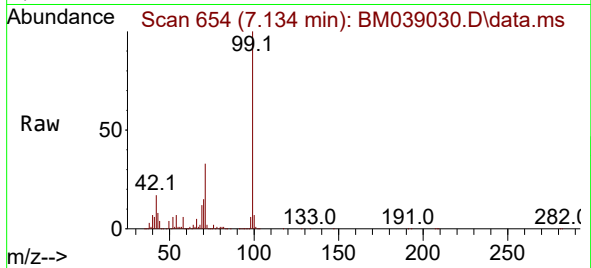




#9
Benzaldehyde
Concen: 0.461 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.023 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

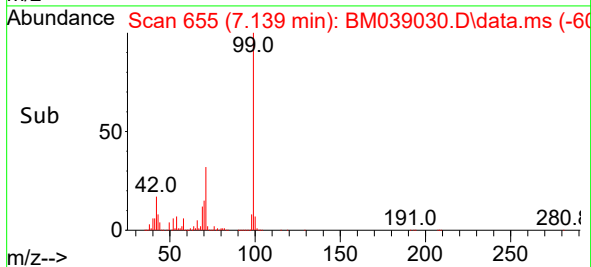
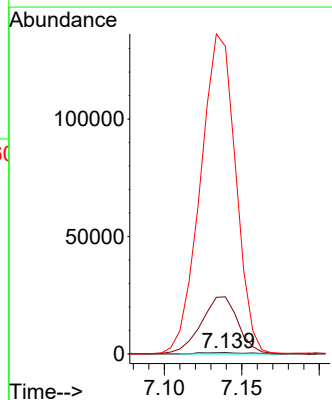
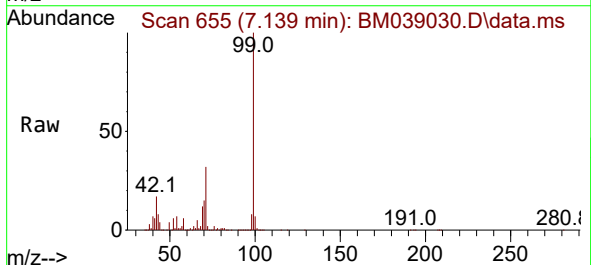
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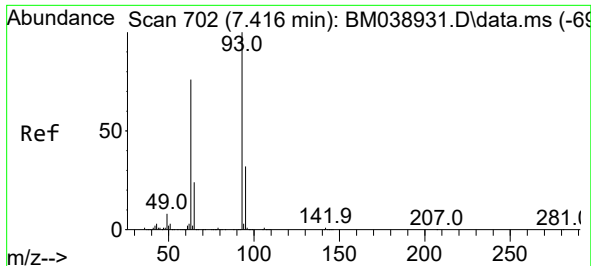
Tgt Ion: 77 Resp: 7156
Ion Ratio Lower Upper
77 100
105 0.0 75.8 115.8#
106 0.0 72.6 112.6#



#10
Phenol
Concen: 0.033 ng
RT: 7.139 min Scan# 655
Delta R.T. -0.024 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 94 Resp: 1133
Ion Ratio Lower Upper
94 100
65 4247.6 7.9 47.9#
66 22886.7 15.8 55.8#

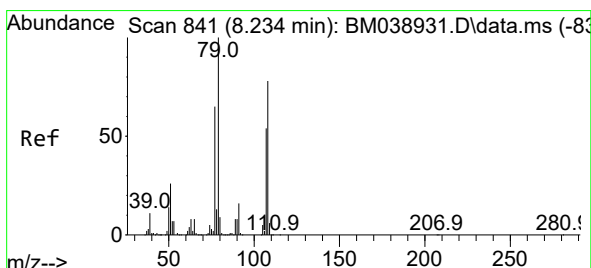
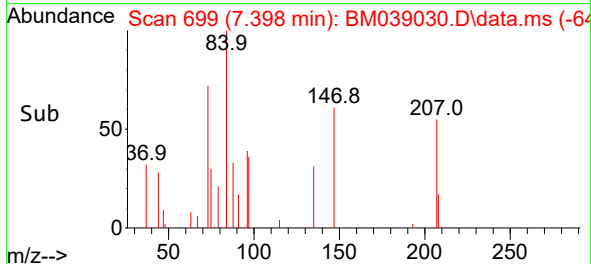
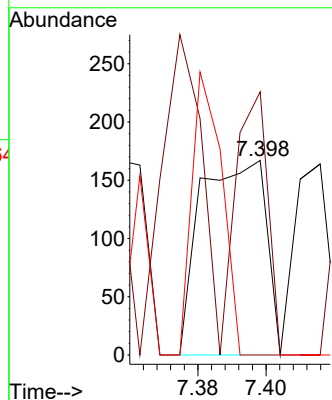
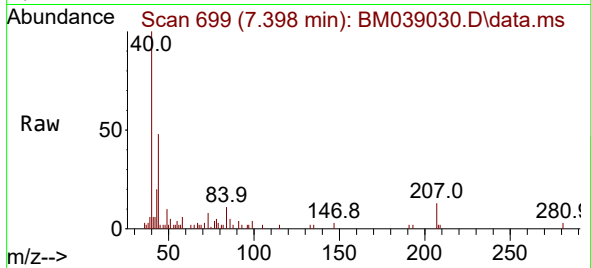




#11
bis(2-Chloroethyl)ether
Concen: 0.008 ng
RT: 7.398 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

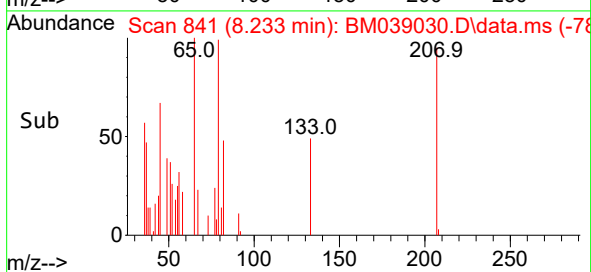
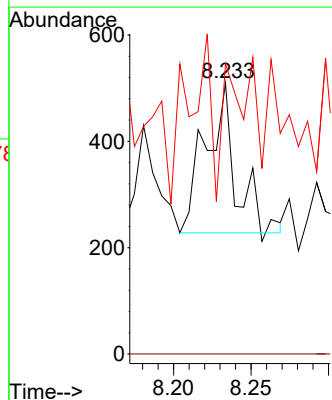
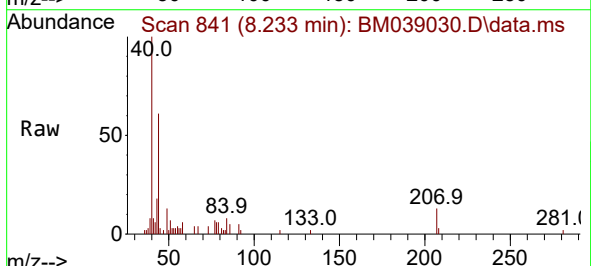
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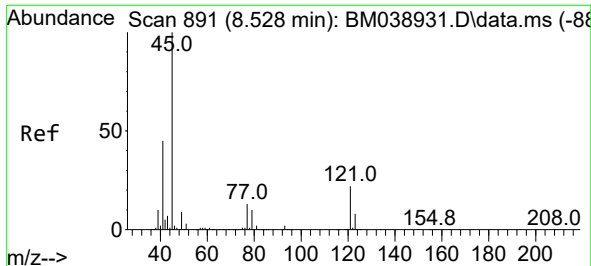
Tgt Ion: 93 Resp: 221
Ion Ratio Lower Upper
93 100
63 135.3 55.8 95.8#
95 0.0 12.2 52.2#



#15
Benzyl Alcohol
Concen: 0.016 ng
RT: 8.233 min Scan# 841
Delta R.T. 0.018 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 79 Resp: 379
Ion Ratio Lower Upper
79 100
108 0.0 62.4 93.6#
77 107.1 52.2 78.4#

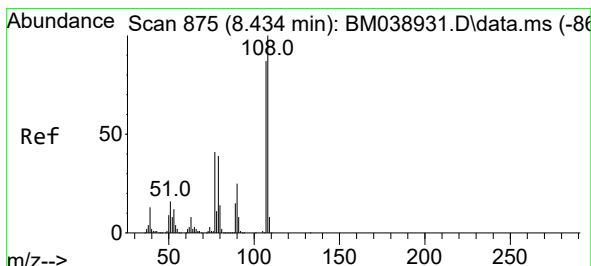
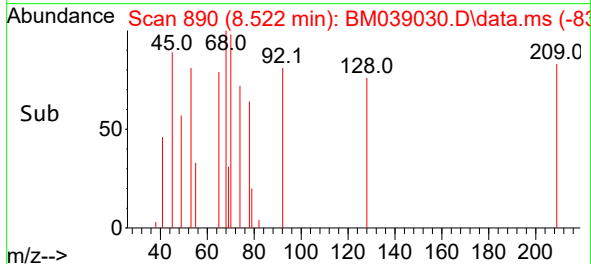
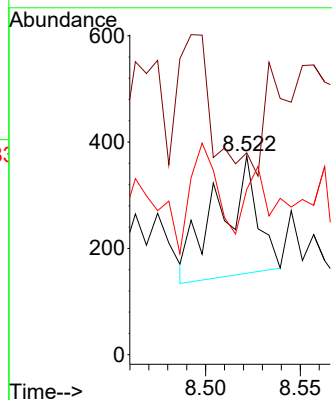
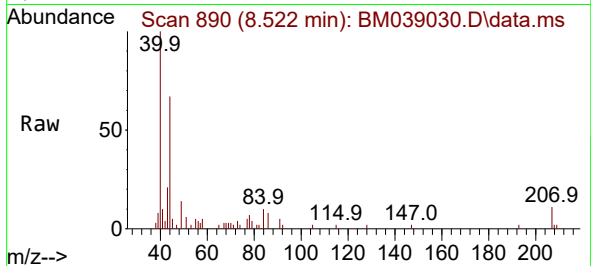




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.009 ng
RT: 8.522 min Scan# 891
Delta R.T. 0.012 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

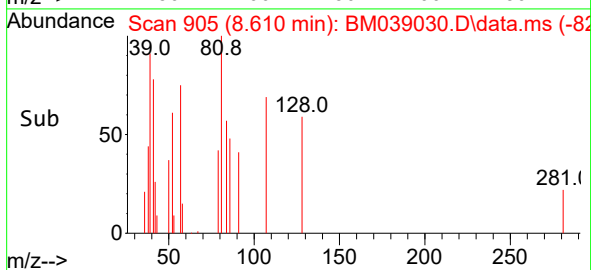
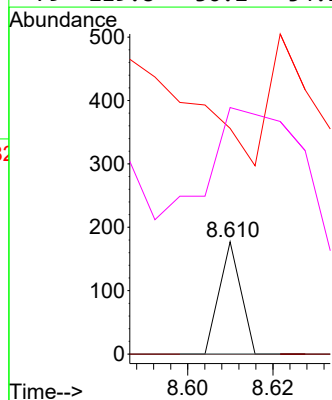
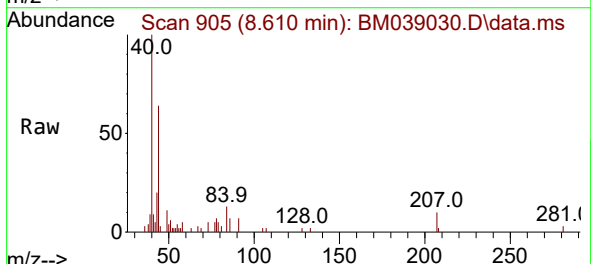
Instrument :
BNA_M
ClientSampleId :
PB151349BL

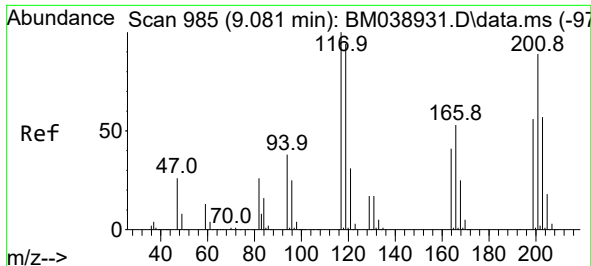
Tgt Ion: 45 Resp: 323
Ion Ratio Lower Upper
45 100
77 101.6 0.0 34.8#
79 83.2 0.0 31.5#



#17
2-Methylphenol
Concen: 0.003 ng
RT: 8.610 min Scan# 905
Delta R.T. 0.188 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 107 Resp: 62
Ion Ratio Lower Upper
107 100
108 0.0 91.7 137.5#
77 201.1 37.4 56.2#
79 219.8 36.2 54.2#

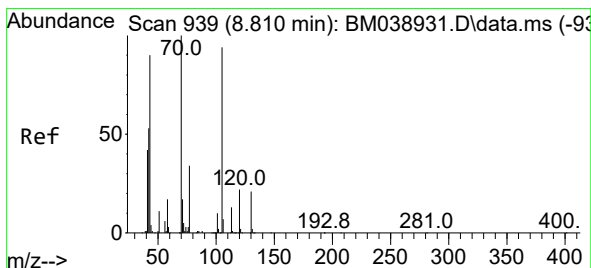
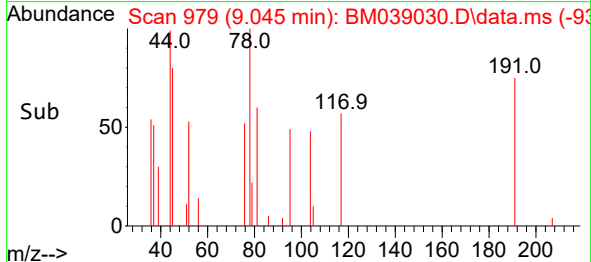
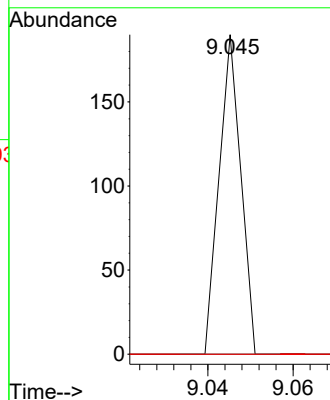
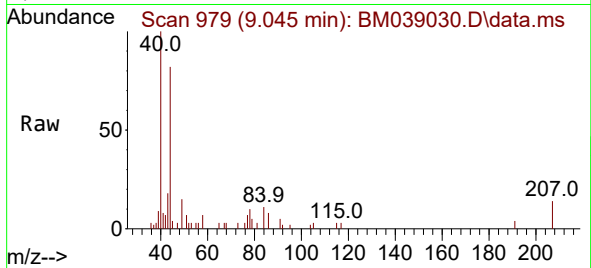




#18
Hexachloroethane
Concen: 0.006 ng
RT: 9.045 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

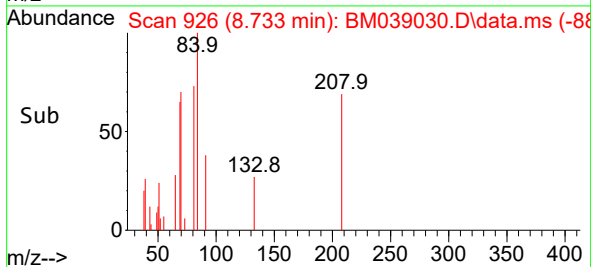
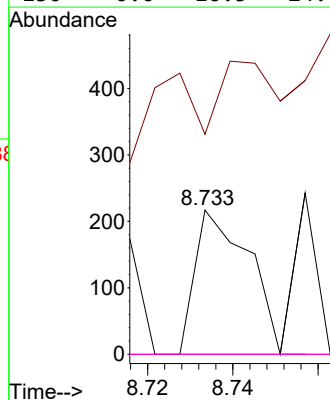
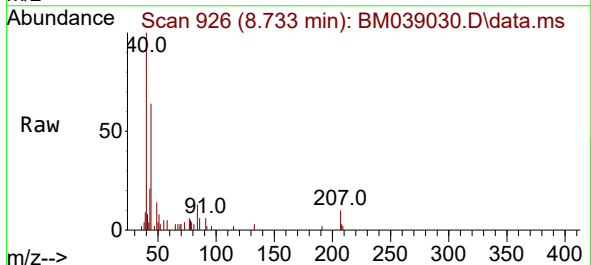
Instrument :
BNA_M
ClientSampleId :
PB151349BL

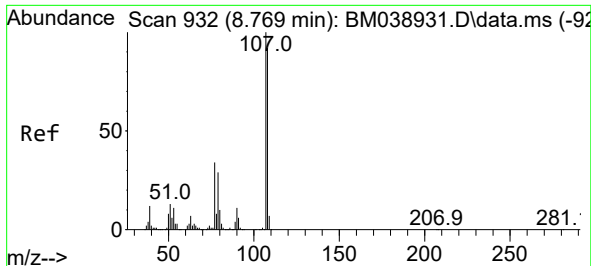
Tgt Ion:117 Resp: 67
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
201 0.0 71.3 106.9#



#19
n-Nitroso-di-n-propylamine
Concen: 0.009 ng
RT: 8.733 min Scan# 926
Delta R.T. -0.059 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 70 Resp: 189
Ion Ratio Lower Upper
70 100
42 152.5 43.4 65.2#
101 0.0 7.6 11.4#
130 0.0 16.5 24.7#

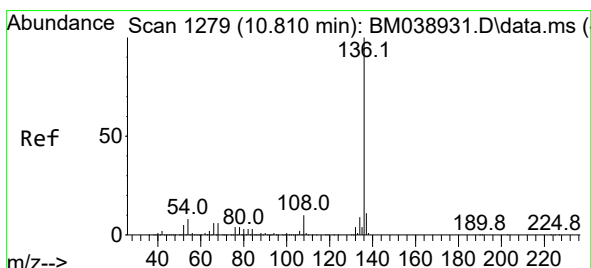
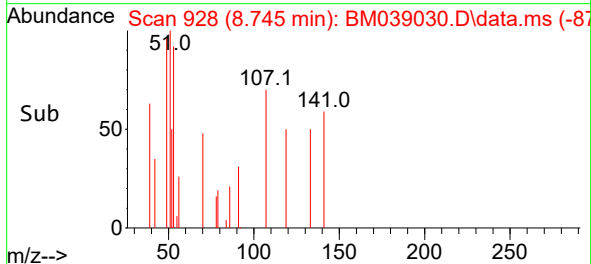
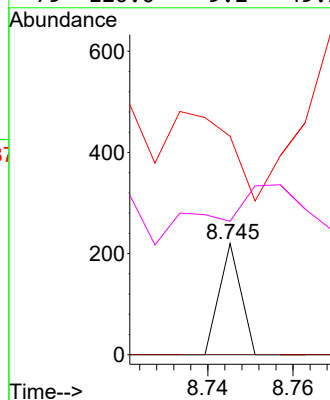
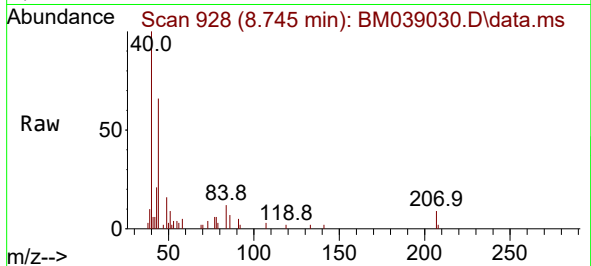




#20
3+4-Methylphenols
Concen: 0.002 ng
RT: 8.745 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

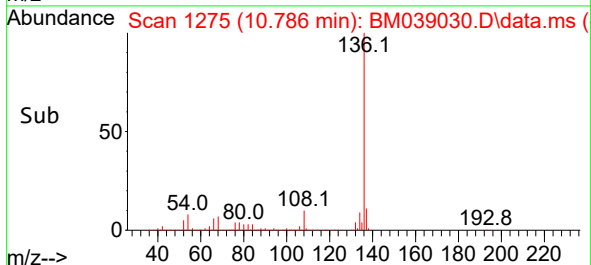
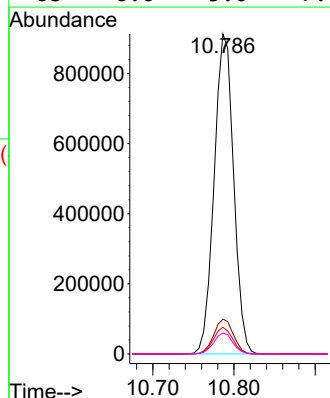
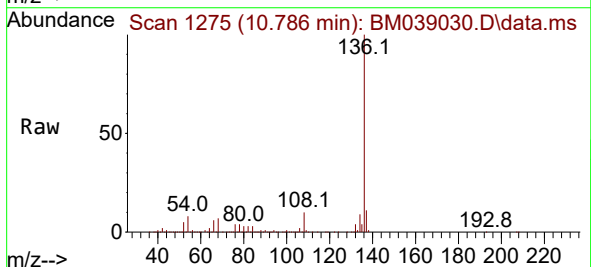
Instrument :
BNA_M
ClientSampleId :
PB151349BL

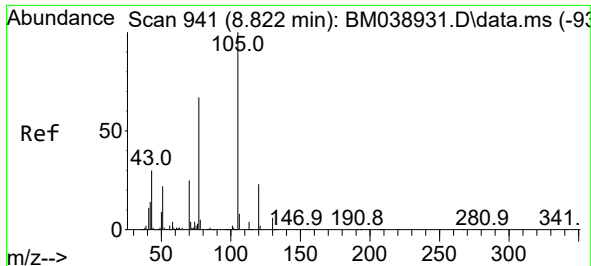
Tgt Ion:107 Resp: 78
Ion Ratio Lower Upper
107 100
108 0.0 71.8 111.8#
77 196.4 13.6 53.6#
79 120.0 9.2 49.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion:136 Resp: 1522549
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.4 6.3 9.5
68 6.6 5.0 7.6

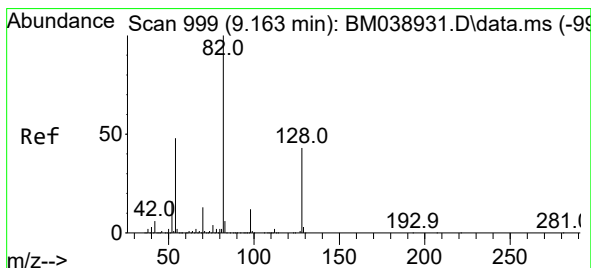
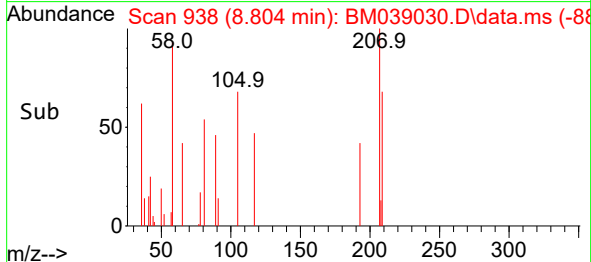
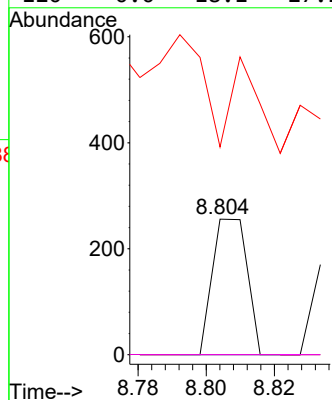
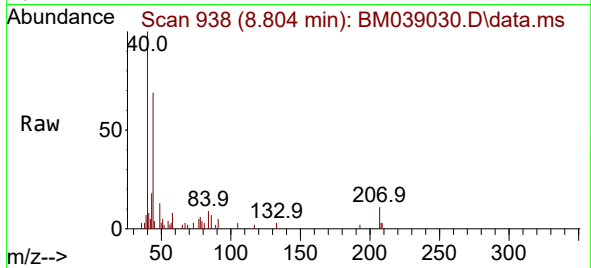




#22
Acetophenone
Concen: 0.004 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

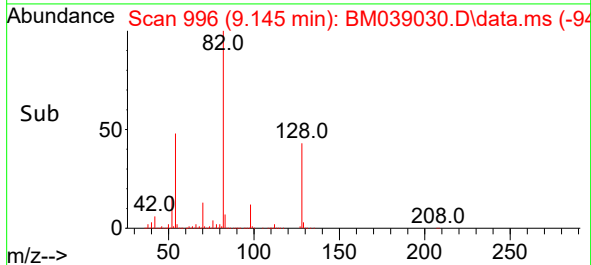
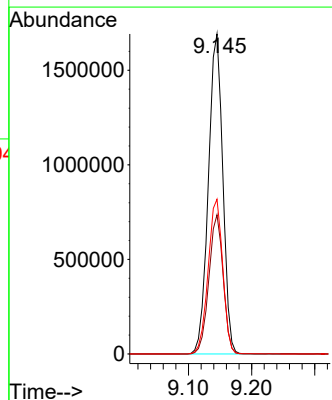
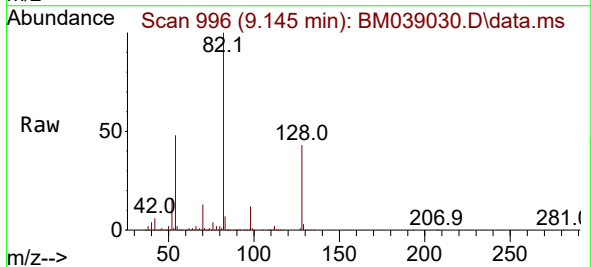
Instrument :
BNA_M
ClientSampleId :
PB151349BL

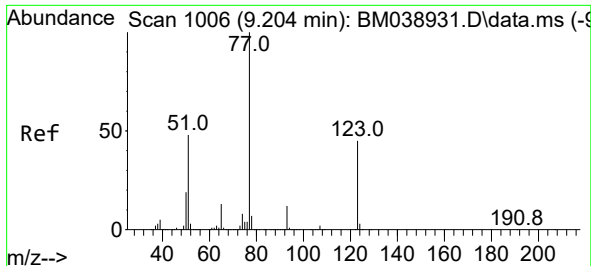
Tgt Ion:105 Resp: 180
Ion Ratio Lower Upper
105 100
71 0.0 3.4 5.0#
51 153.1 21.0 31.4#
120 0.0 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 86.698 ng
RT: 9.145 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 82 Resp: 2687288
Ion Ratio Lower Upper
82 100
128 43.5 34.4 51.6
54 48.3 38.8 58.2

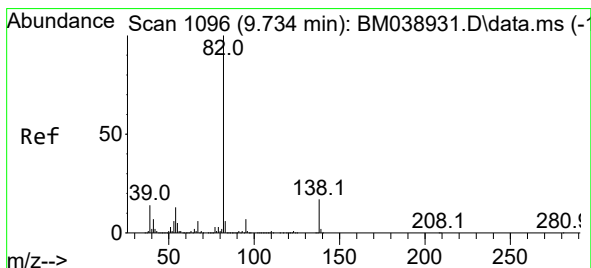
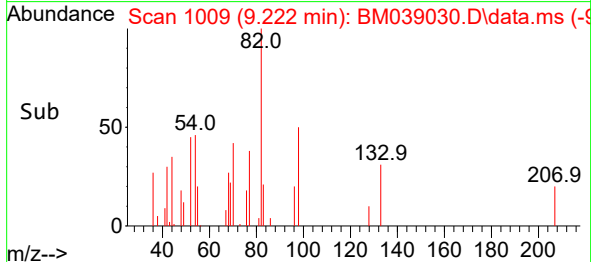
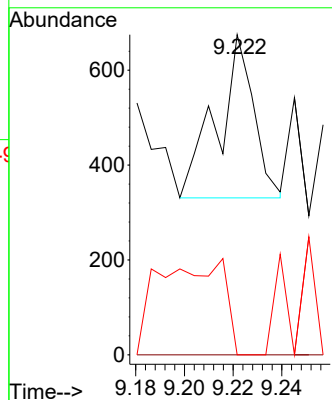
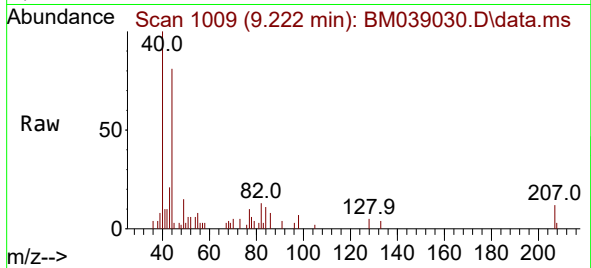




#24
Nitrobenzene
Concen: 0.011 ng
RT: 9.222 min Scan# 1009
Delta R.T. 0.035 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

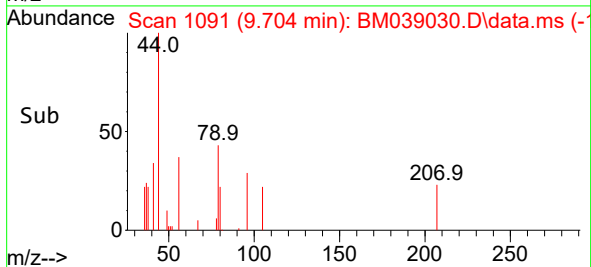
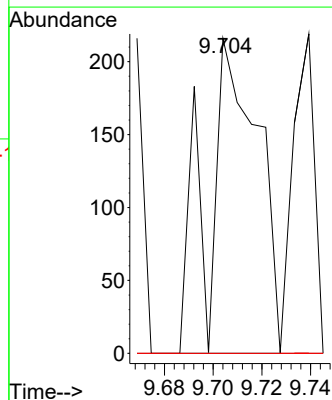
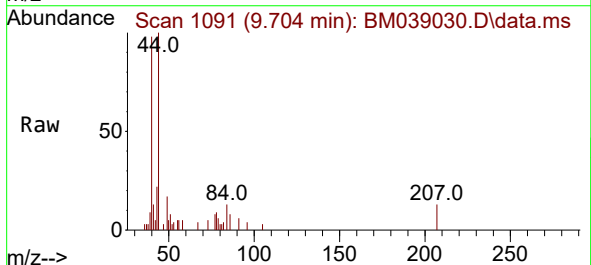
Instrument :
BNA_M
ClientSampleId :
PB151349BL

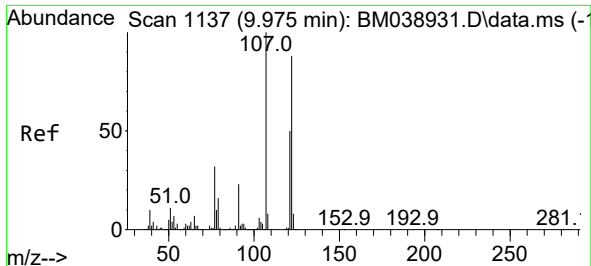
Tgt Ion: 77 Resp: 355
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.6#
65 0.0 10.2 15.4#



#25
Isophorone
Concen: 0.005 ng
RT: 9.704 min Scan# 1091
Delta R.T. -0.012 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 82 Resp: 312
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.6 20.4#

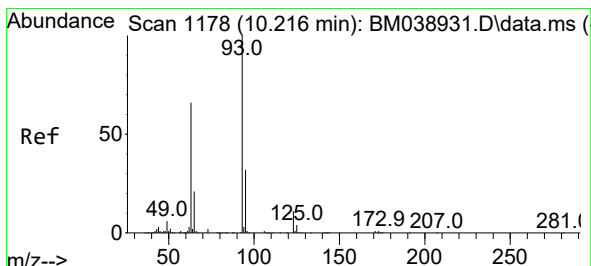
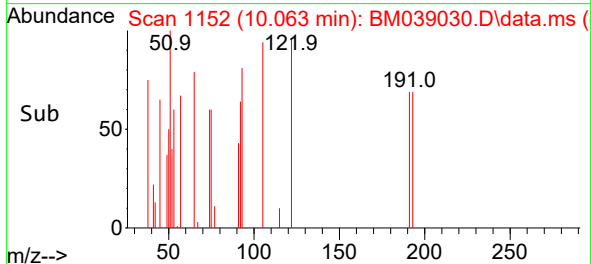
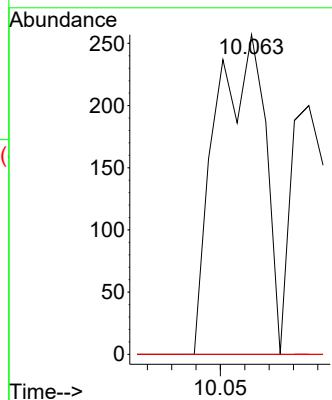
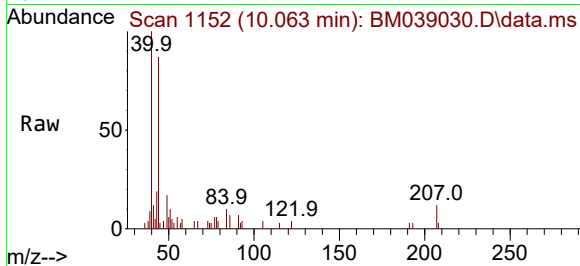




#27
2,4-Dimethylphenol
Concen: 0.015 ng
RT: 10.063 min Scan# 1152
Delta R.T. 0.106 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

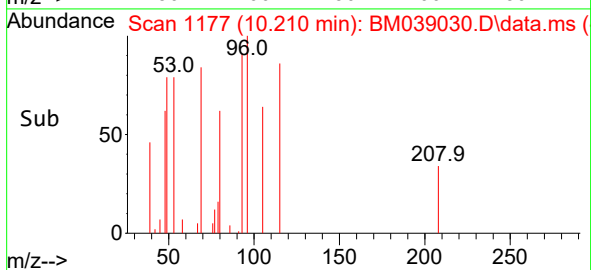
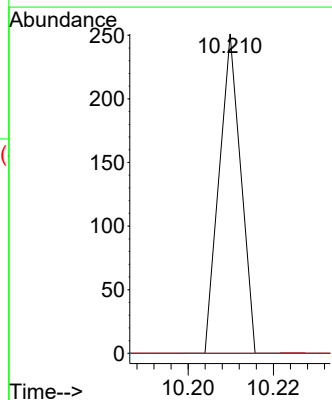
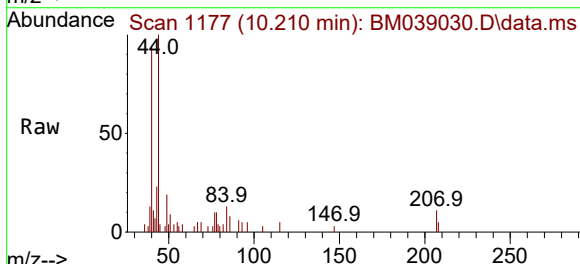
Instrument :
BNA_M
ClientSampleId :
PB151349BL

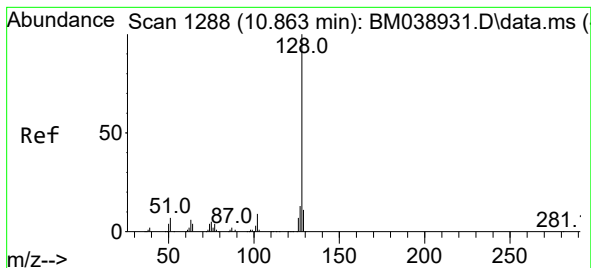
Tgt Ion:122 Resp: 361
Ion Ratio Lower Upper
122 100
107 0.0 91.0 136.4#
121 0.0 45.1 67.7#



#28
bis(2-Chloroethoxy)methane
Concen: 0.002 ng
RT: 10.210 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 93 Resp: 89
Ion Ratio Lower Upper
93 100
95 0.0 25.9 38.9#
123 0.0 8.8 13.2#

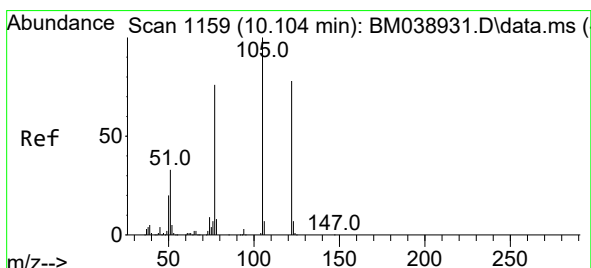
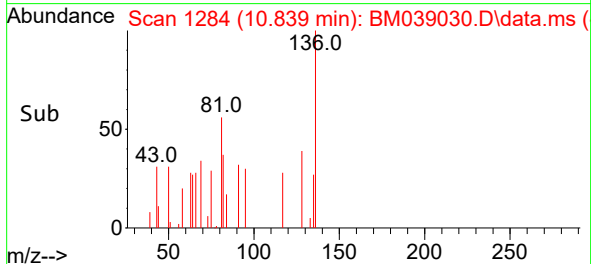
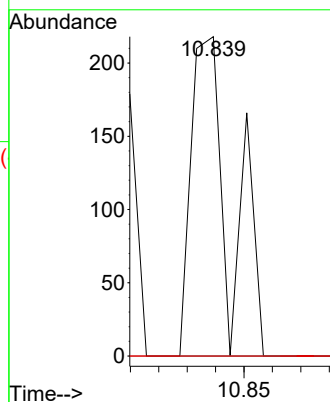
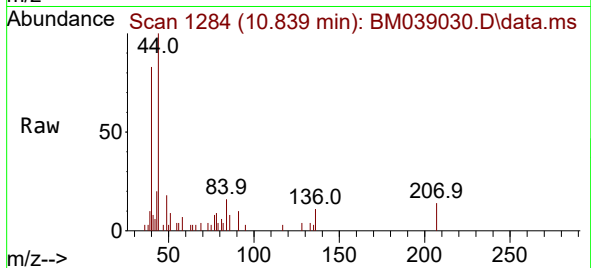




#31
Naphthalene
Concen: 0.002 ng
RT: 10.839 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

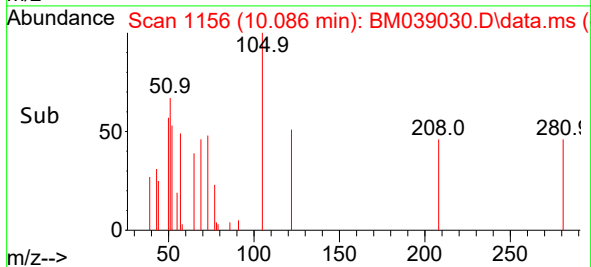
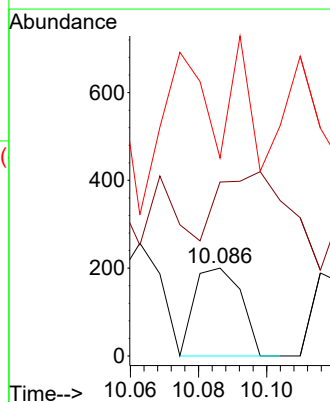
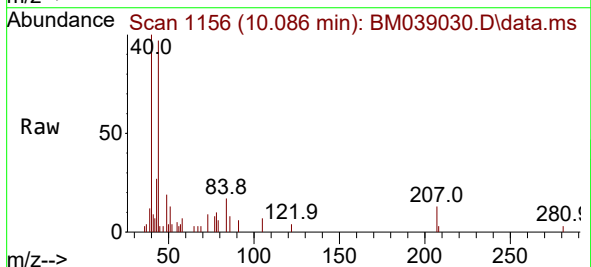
Instrument :
BNA_M
ClientSampleId :
PB151349BL

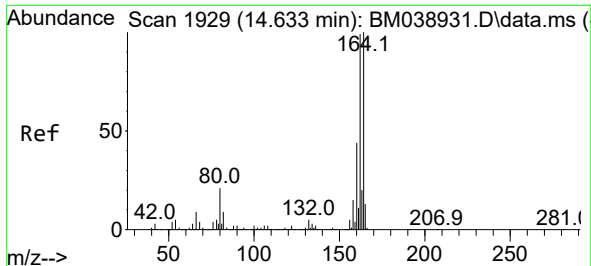
Tgt Ion:128 Resp: 210
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 0.0 10.2 15.4#



#32
Benzoic acid
Concen: 5.742 ng
RT: 10.086 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion:122 Resp: 191
Ion Ratio Lower Upper
122 100
105 198.0 104.2 144.2#
77 225.5 75.1 115.1#

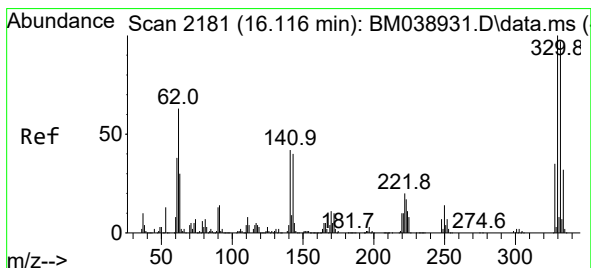
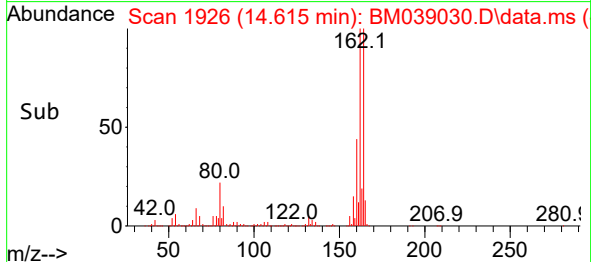
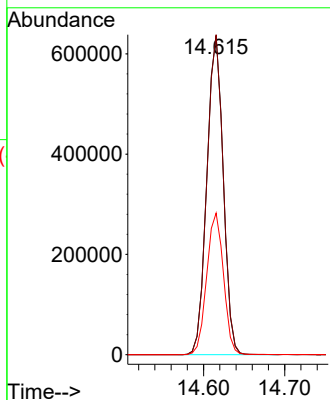
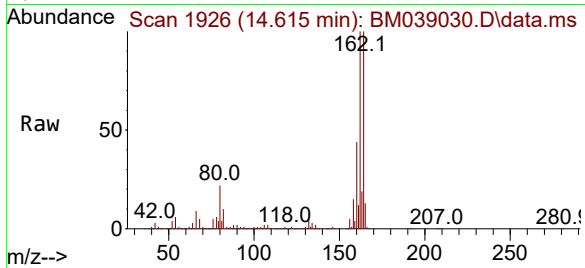




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

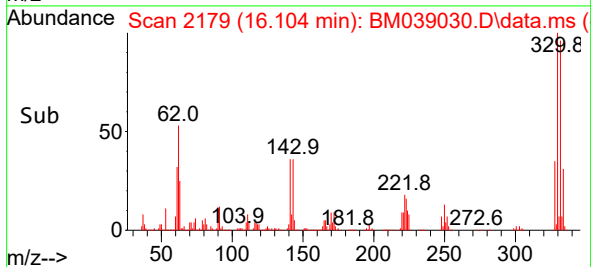
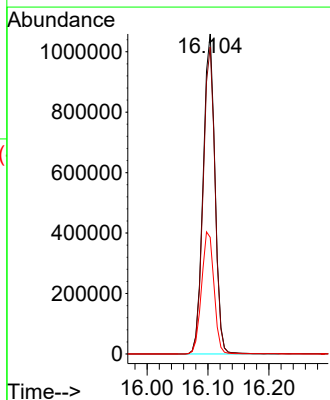
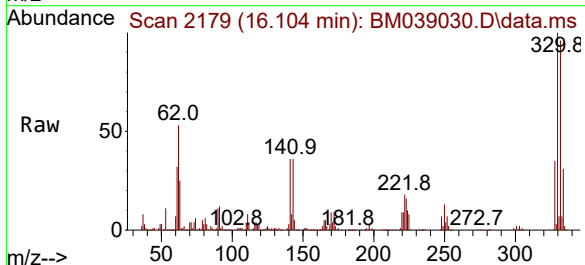
Instrument :
BNA_M
ClientSampleId :
PB151349BL

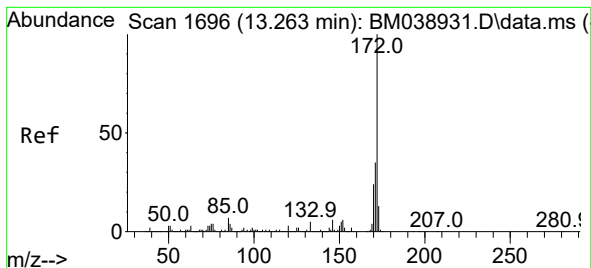
Tgt Ion:164 Resp: 890813
Ion Ratio Lower Upper
164 100
162 100.4 79.2 118.8
160 44.4 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 139.016 ng
RT: 16.104 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion:330 Resp: 1432605
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 40.2 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 81.431 ng

RT: 13.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

Instrument :

BNA_M

ClientSampleId :

PB151349BL

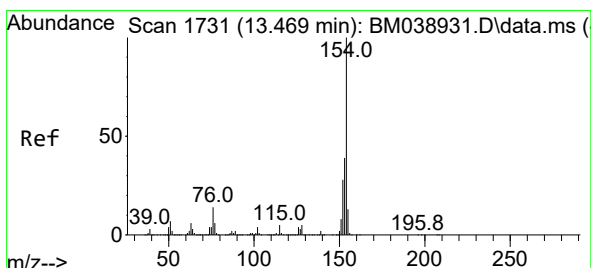
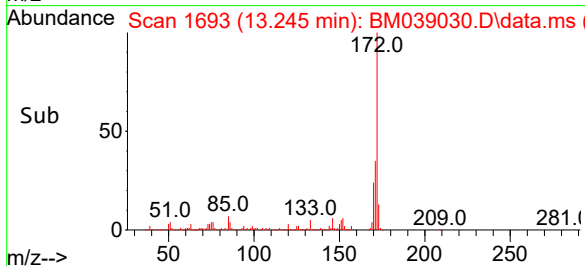
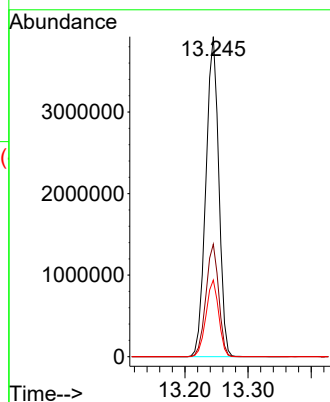
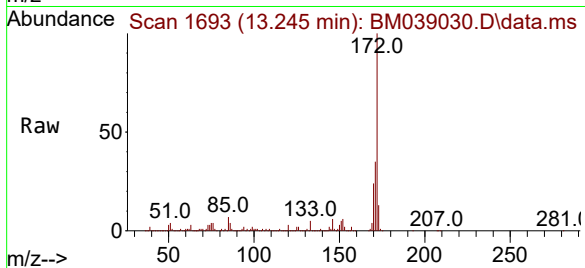
Tgt Ion:172 Resp: 5572303

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 0.155 ng

RT: 13.245 min Scan# 1693

Delta R.T. -0.212 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

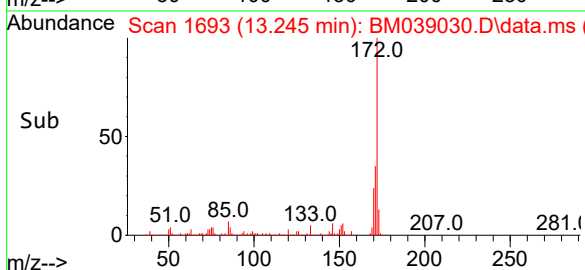
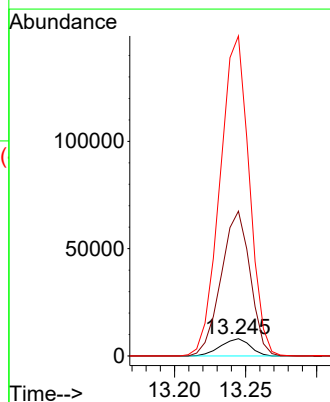
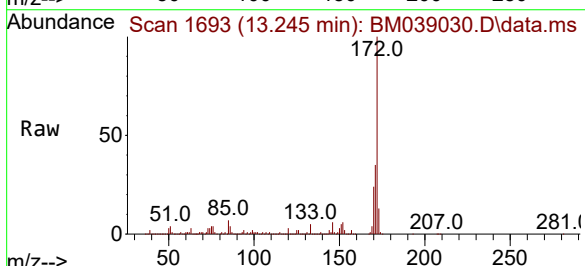
Tgt Ion:154 Resp: 11661

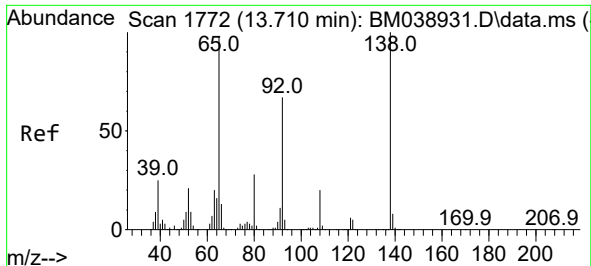
Ion Ratio Lower Upper

154 100

153 834.1 19.3 59.3#

76 1842.8 0.0 34.0#

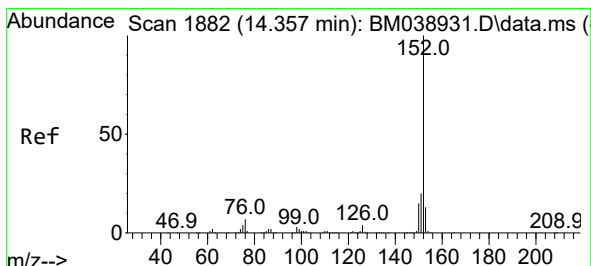
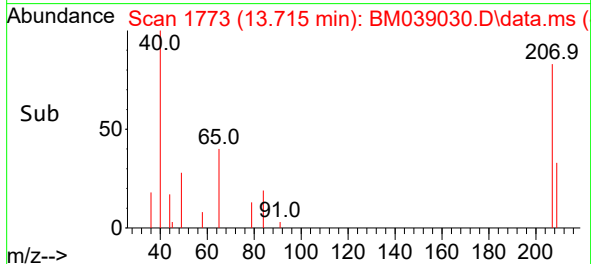
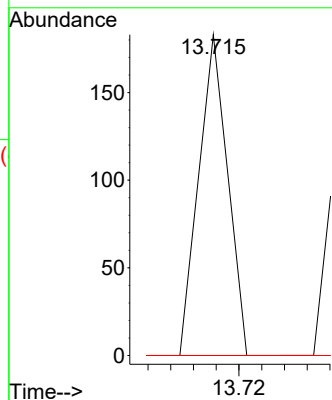
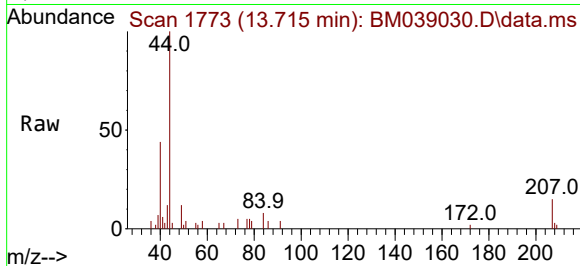




#48
2-Nitroaniline
Concen: 2.219 ng
RT: 13.715 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

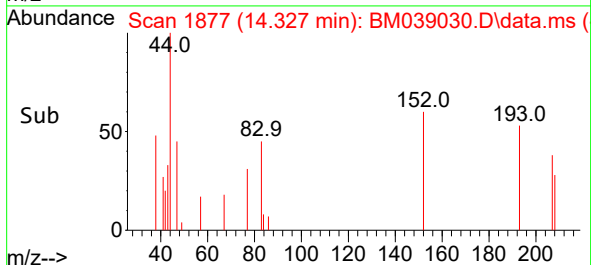
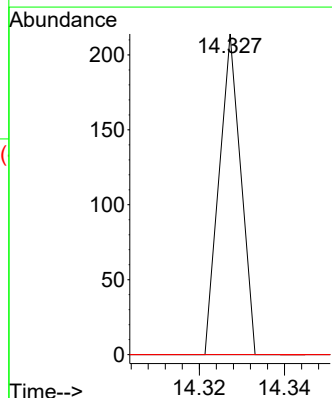
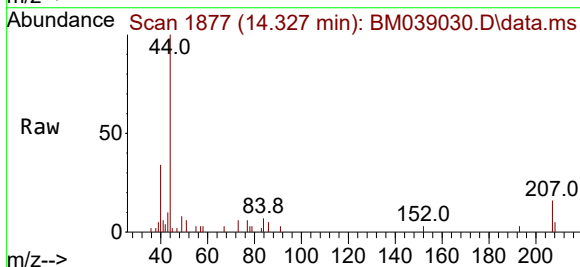
Instrument :
BNA_M
ClientSampleId :
PB151349BL

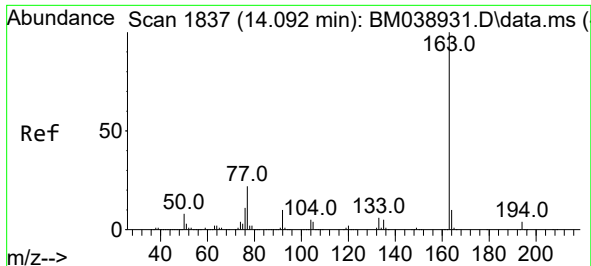
Tgt Ion: 65 Resp: 65
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#



#49
Acenaphthylene
Concen: 0.001 ng
RT: 14.327 min Scan# 1877
Delta R.T. -0.012 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 152 Resp: 76
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.8#
153 0.0 10.4 15.6#

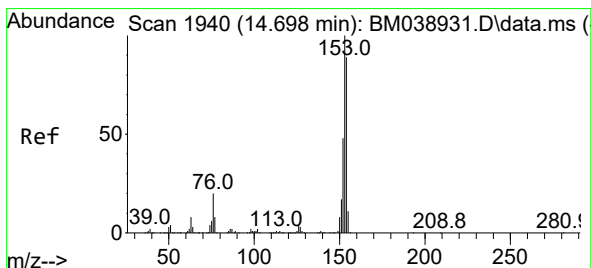
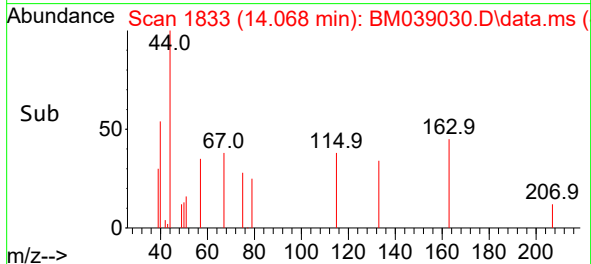
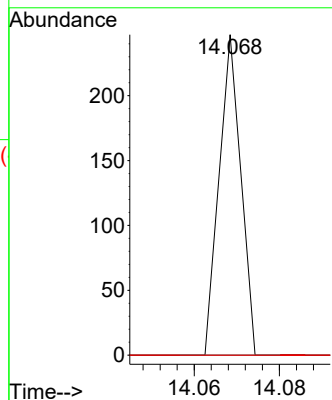
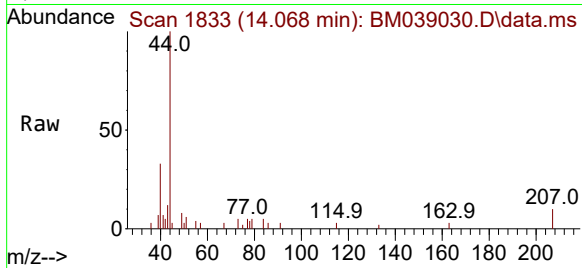




#50
Dimethylphthalate
Concen: 0.001 ng
RT: 14.068 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

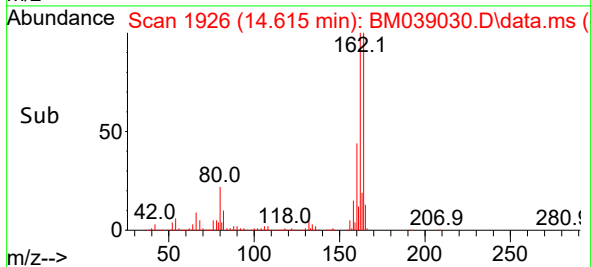
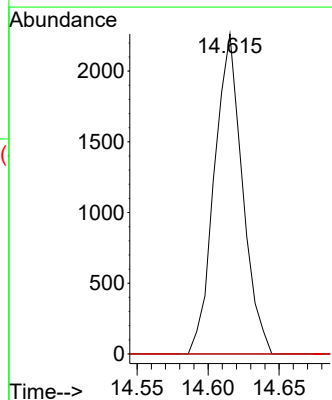
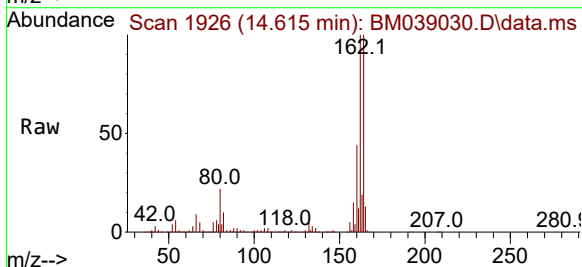
Instrument :
BNA_M
ClientSampleId :
PB151349BL

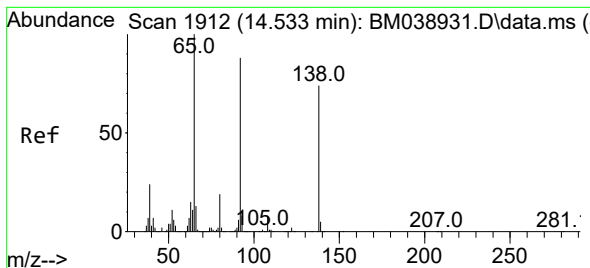
Tgt Ion:163 Resp: 87
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 0.0 8.1 12.1#



#52
Acenaphthene
Concen: 0.056 ng
RT: 14.615 min Scan# 1926
Delta R.T. -0.065 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion:154 Resp: 3112
Ion Ratio Lower Upper
154 100
153 0.0 90.2 135.2#
152 0.0 43.4 65.2#

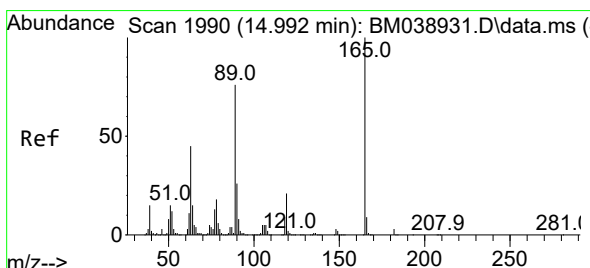
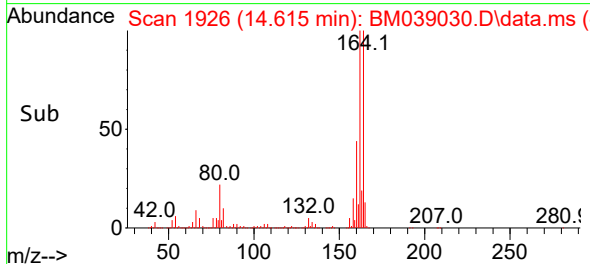
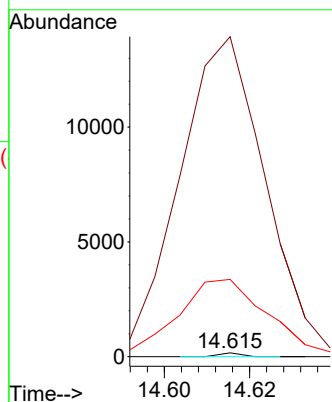
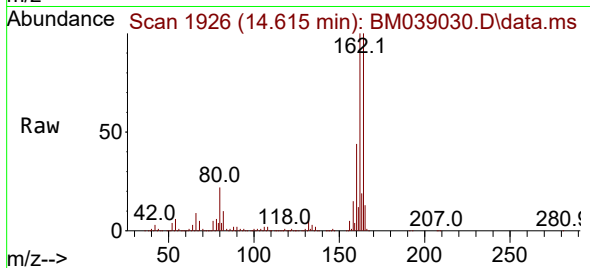




#53
3-Nitroaniline
Concen: 1.592 ng
RT: 14.615 min Scan# 1912
Delta R.T. 0.094 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

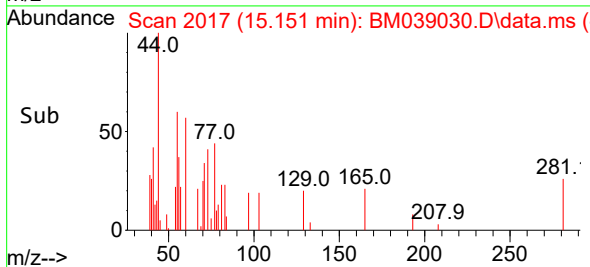
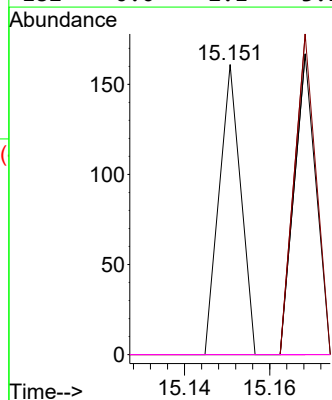
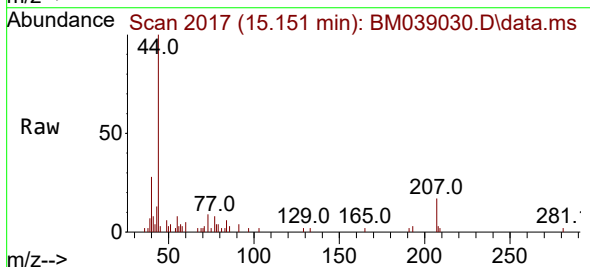
Instrument :
BNA_M
ClientSampleId :
PB151349BL

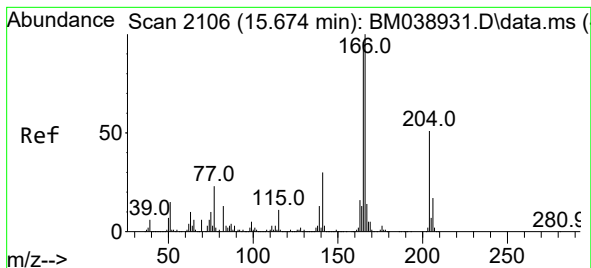
Tgt Ion:138 Resp: 59
Ion Ratio Lower Upper
138 100
108 8298.2 8.3 12.5#
92 2003.6 95.8 143.8#



#57
2,4-Dinitrotoluene
Concen: 2.074 ng
RT: 15.151 min Scan# 2017
Delta R.T. 0.176 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion:165 Resp: 57
Ion Ratio Lower Upper
165 100
63 0.0 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#





#58

Fluorene

Concen: 0.001 ng

RT: 15.668 min Scan# 2106

Delta R.T. 0.006 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

Instrument :

BNA_M

ClientSampleId :

PB151349BL

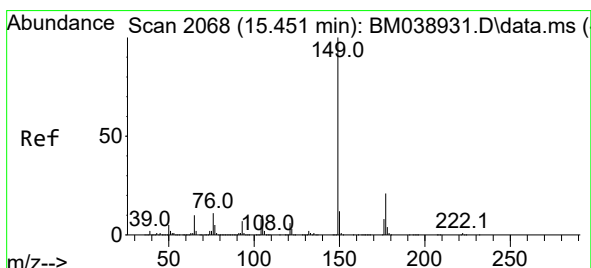
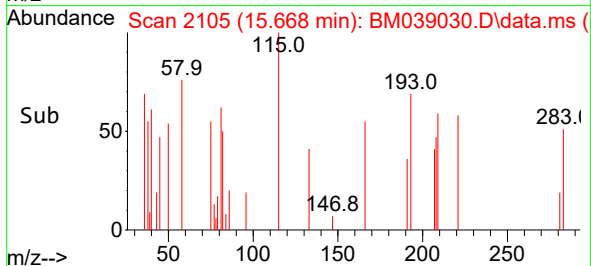
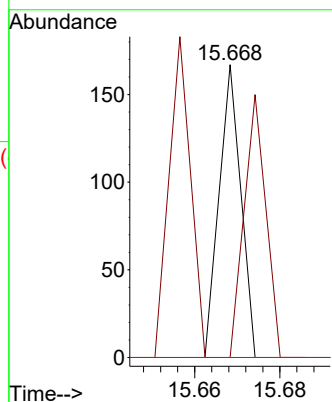
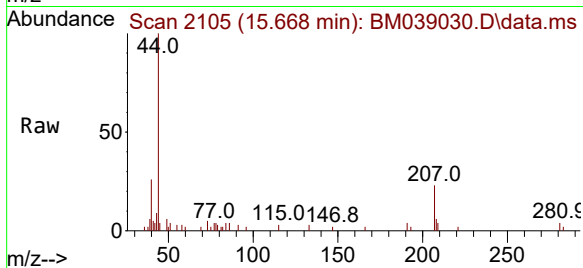
Tgt Ion:166 Resp: 59

Ion Ratio Lower Upper

166 100

165 0.0 77.1 115.7#

167 0.0 10.9 16.3#



#60

Diethylphthalate

Concen: 0.011 ng

RT: 15.433 min Scan# 2065

Delta R.T. -0.006 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

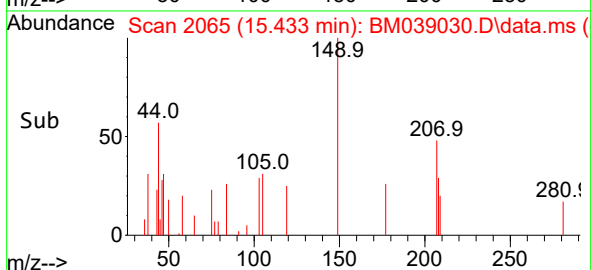
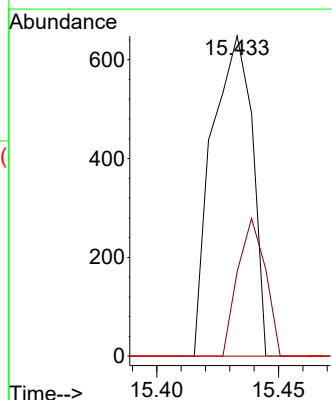
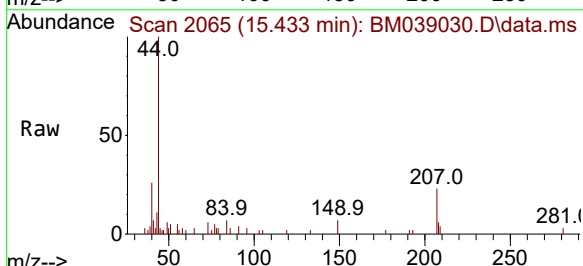
Tgt Ion:149 Resp: 745

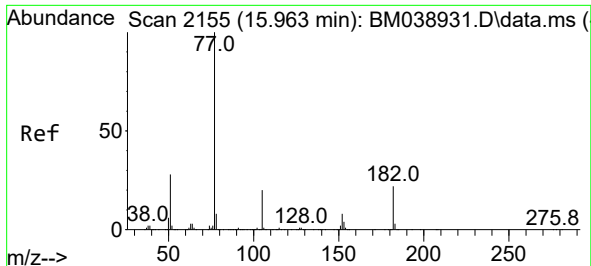
Ion Ratio Lower Upper

149 100

177 26.4 17.1 25.7#

150 0.0 9.7 14.5#

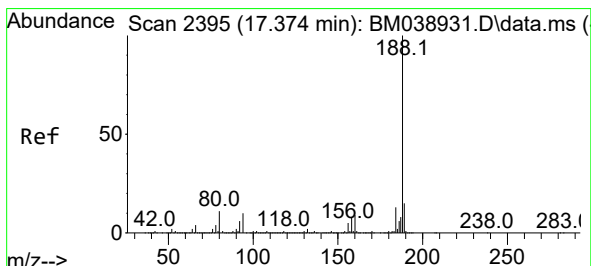
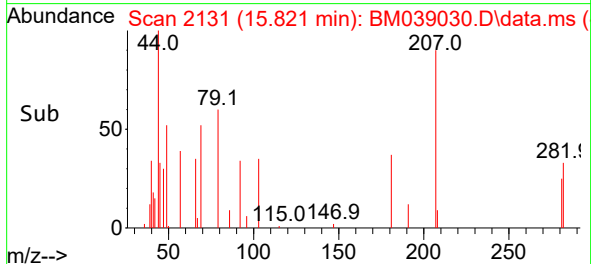
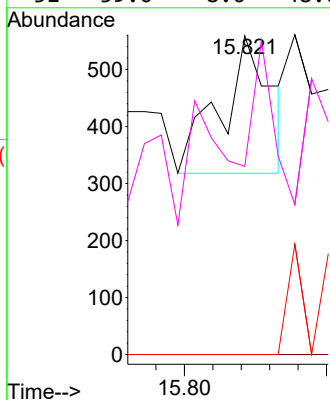
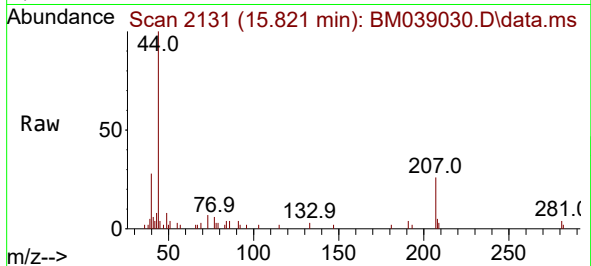




#63
Azobenzene
Concen: 0.004 ng
RT: 15.821 min Scan# 2155
Delta R.T. -0.129 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

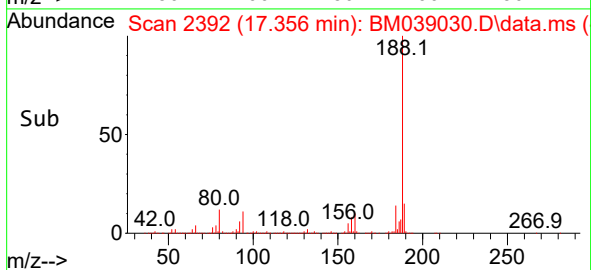
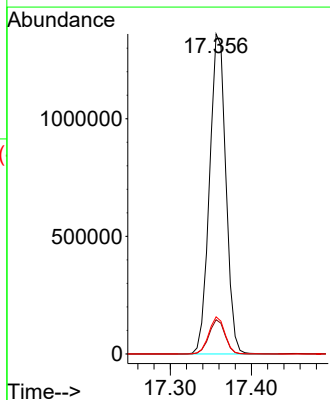
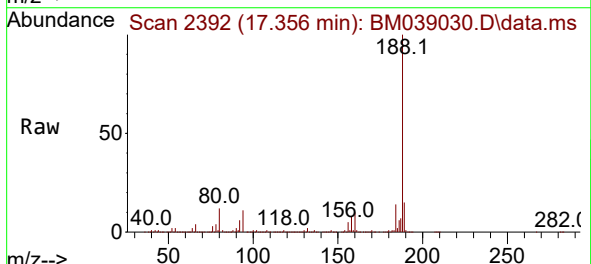
Instrument :
BNA_M
ClientSampleId :
PB151349BL

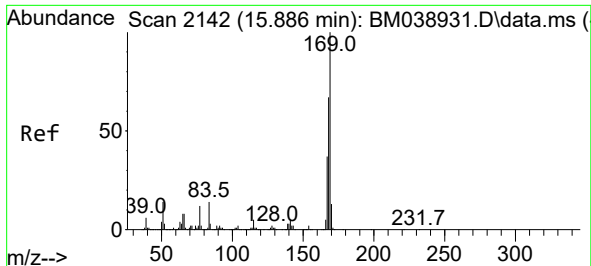
Tgt Ion: 77 Resp: 296
Ion Ratio Lower Upper
77 100
182 0.0 2.0 42.0#
105 0.0 0.4 40.4#
51 59.0 8.0 48.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion: 188 Resp: 1898052
Ion Ratio Lower Upper
188 100
94 10.7 7.9 11.9
80 11.6 8.5 12.7

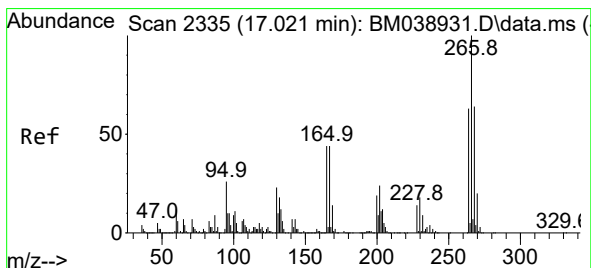
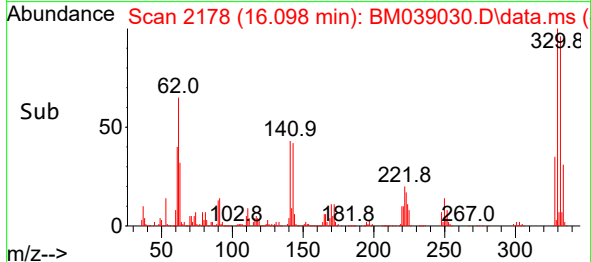
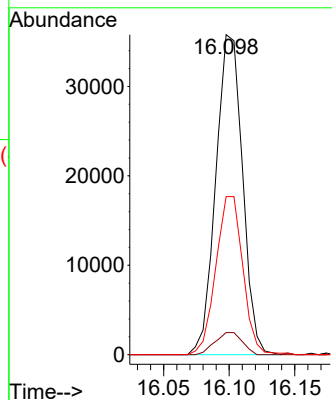
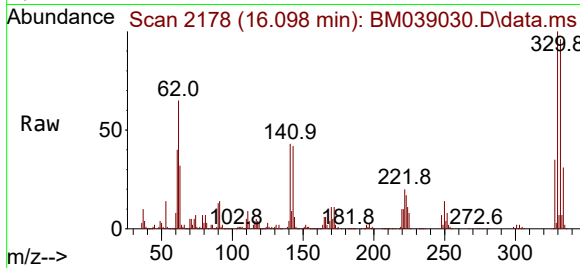




#66
 n-Nitrosodiphenylamine
 Concen: 0.792 ng
 RT: 16.098 min Scan# 2142
 Delta R.T. 0.223 min
 Lab File: BM039030.D
 Acq: 17 Mar 2023 11:27

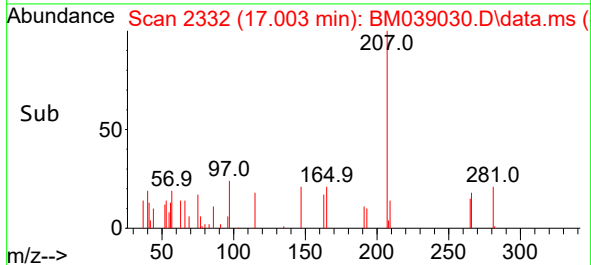
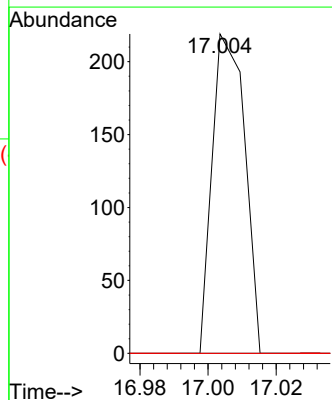
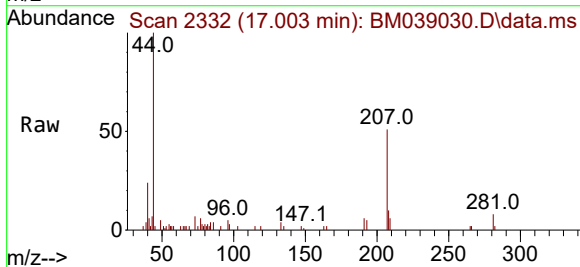
Instrument :
 BNA_M
 ClientSampleId :
 PB151349BL

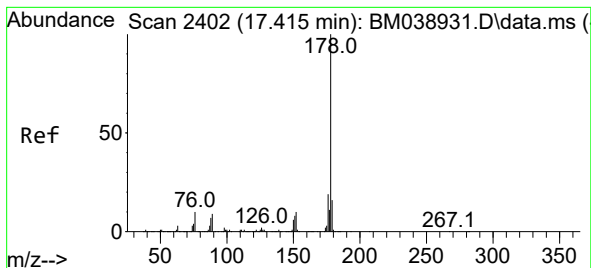
Tgt Ion:169 Resp: 50657
 Ion Ratio Lower Upper
 169 100
 168 6.9 53.4 80.0#
 167 49.4 29.4 44.0#



#70
 Pentachlorophenol
 Concen: 0.009 ng
 RT: 17.003 min Scan# 2332
 Delta R.T. -0.006 min
 Lab File: BM039030.D
 Acq: 17 Mar 2023 11:27

Tgt Ion:266 Resp: 145
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.0 76.4#
 264 0.0 50.3 75.5#





#71

Phenanthrene

Concen: 0.004 ng

RT: 17.403 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

Instrument :

BNA_M

ClientSampleId :

PB151349BL

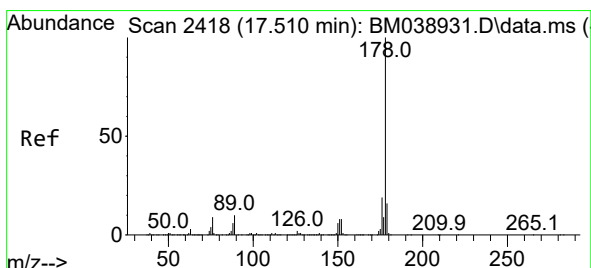
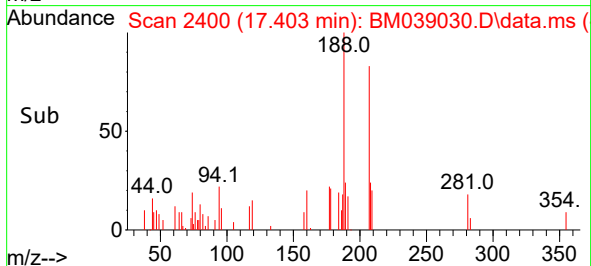
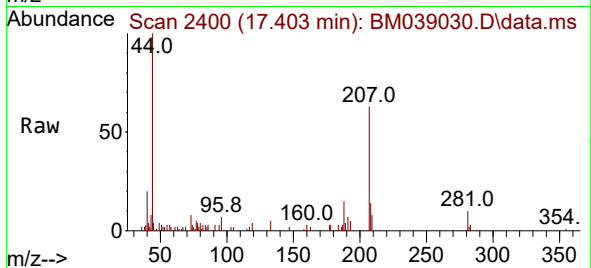
Tgt Ion:178 Resp: 472

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

179 0.0 12.5 18.7#



#72

Anthracene

Concen: 0.002 ng

RT: 17.492 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

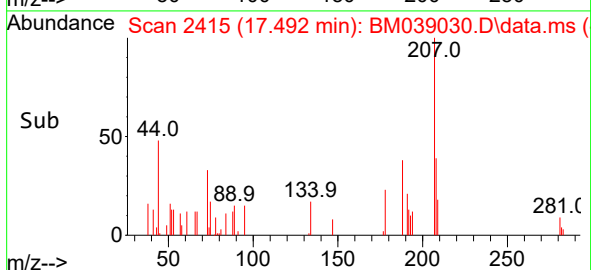
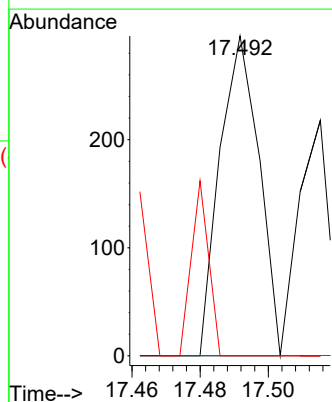
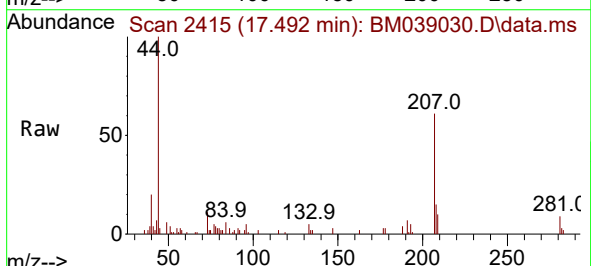
Tgt Ion:178 Resp: 236

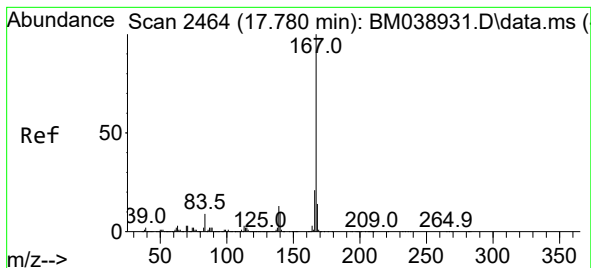
Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

179 0.0 12.5 18.7#





#73

Carbazole

Concen: 0.005 ng

RT: 17.768 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

Instrument :

BNA_M

ClientSampleId :

PB151349BL

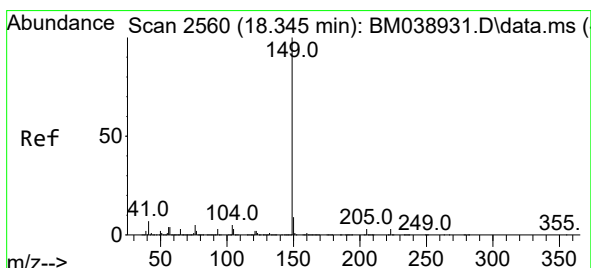
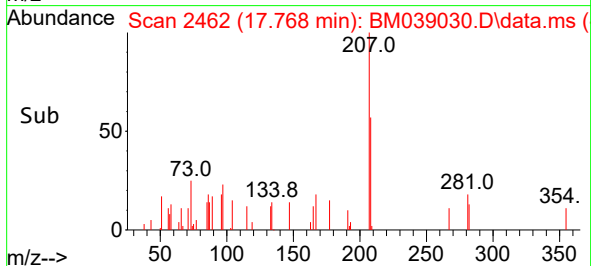
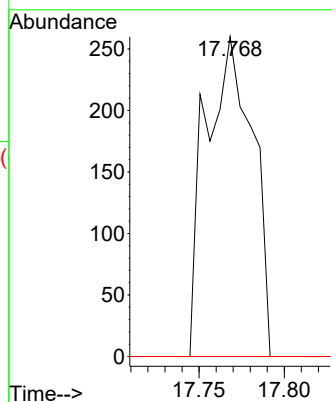
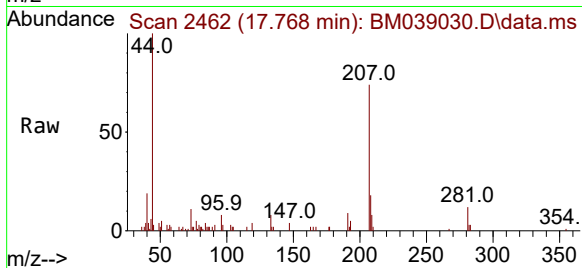
Tgt Ion:167 Resp: 498

Ion Ratio Lower Upper

167 100

166 0.0 17.0 25.4#

139 0.0 10.3 15.5#



#74

Di-n-butylphthalate

Concen: 1.823 ng

RT: 18.327 min Scan# 2557

Delta R.T. -0.000 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

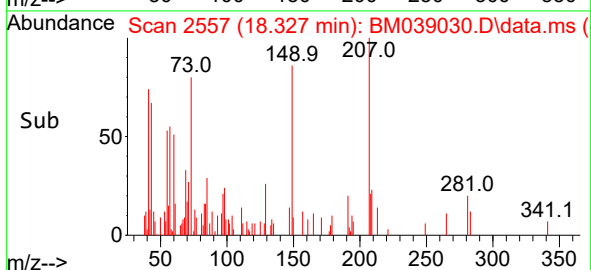
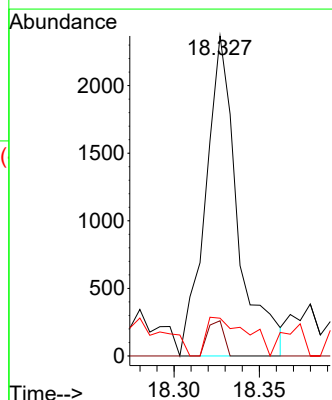
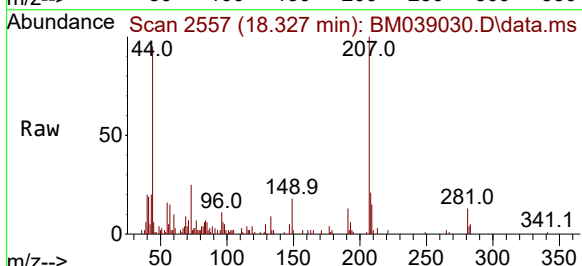
Tgt Ion:149 Resp: 3110

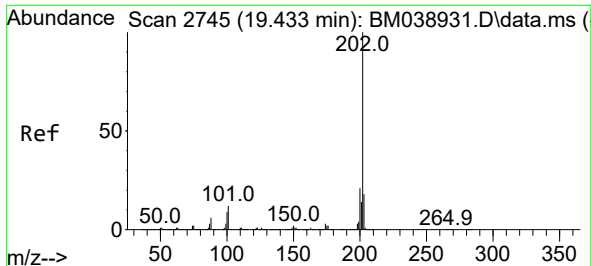
Ion Ratio Lower Upper

149 100

150 11.0 7.4 11.2

104 11.8 4.3 6.5#

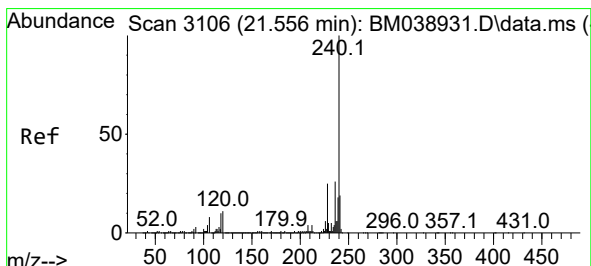
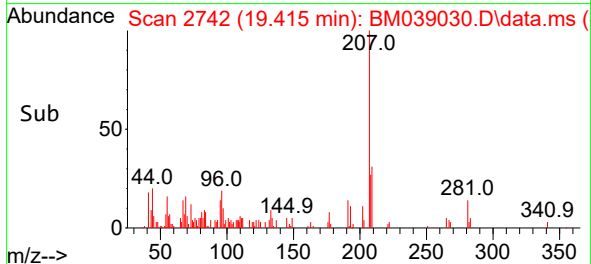
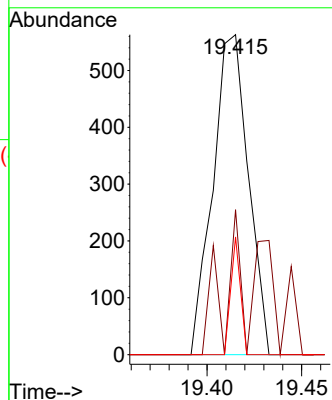
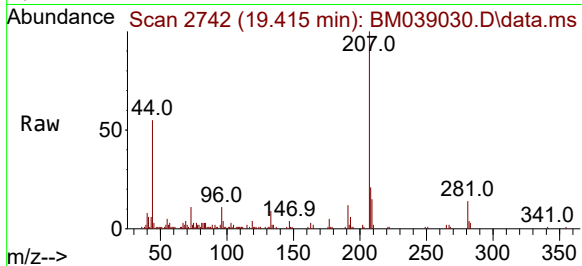




#75
Fluoranthene
Concen: 0.006 ng
RT: 19.415 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

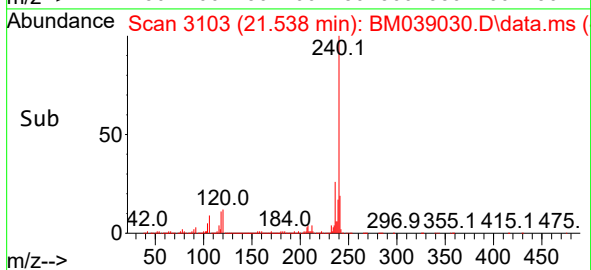
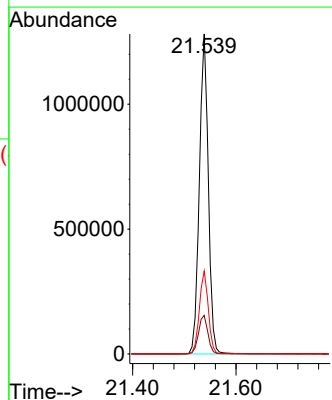
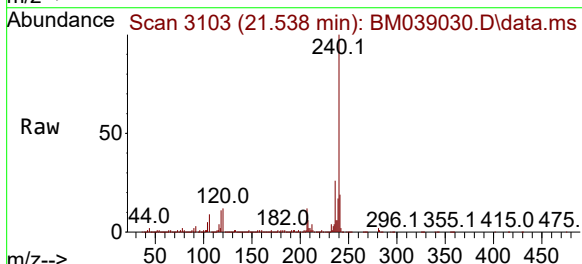
Instrument :
BNA_M
ClientSampleId :
PB151349BL

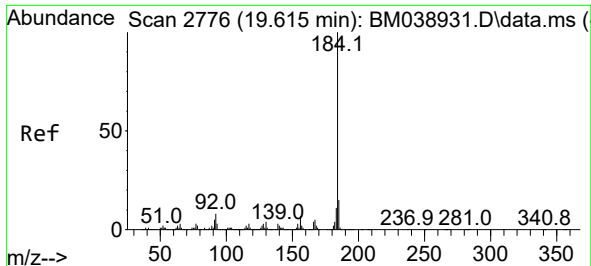
Tgt Ion:202 Resp: 733
Ion Ratio Lower Upper
202 100
101 45.3 0.0 31.7#
203 36.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.538 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion:240 Resp: 1540753
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.0 20.8 31.2

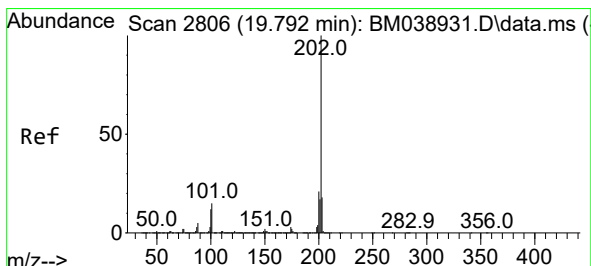
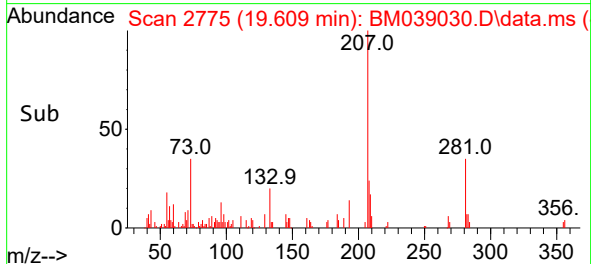
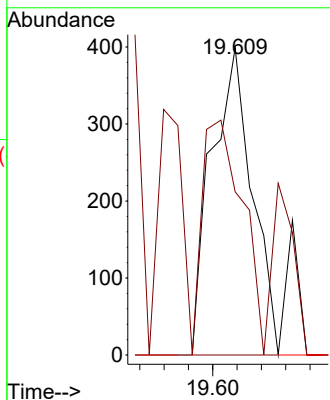
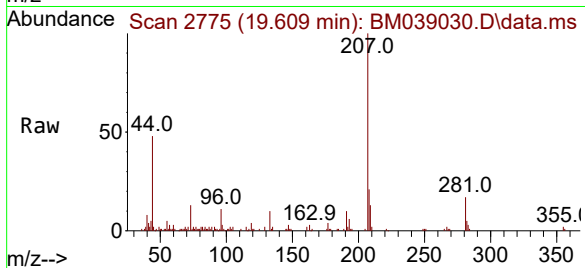




#77
Benzidine
Concen: 4.888 ng
RT: 19.609 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

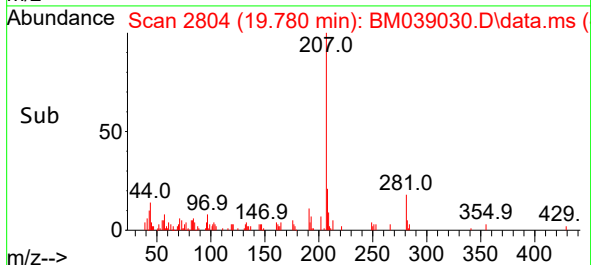
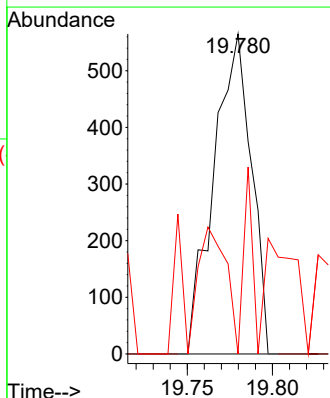
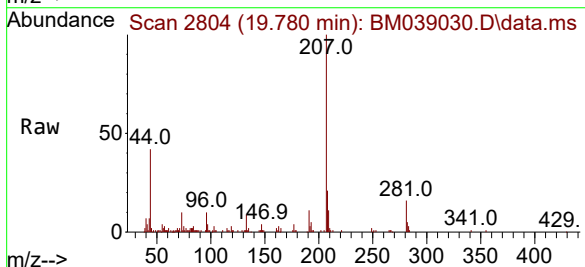
Instrument :
BNA_M
ClientSampleId :
PB151349BL

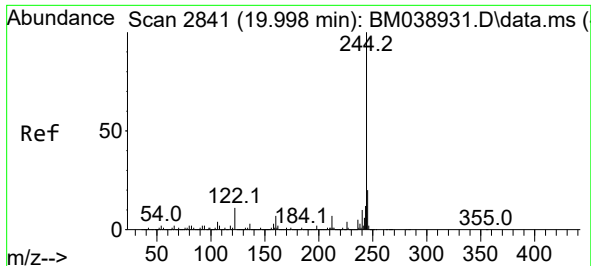
Tgt Ion:184 Resp: 463
Ion Ratio Lower Upper
184 100
185 53.1 12.2 18.4#
183 0.0 8.8 13.2#



#78
Pyrene
Concen: 0.007 ng
RT: 19.780 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion:202 Resp: 865
Ion Ratio Lower Upper
202 100
200 0.0 17.1 25.7#
203 0.0 14.1 21.1#

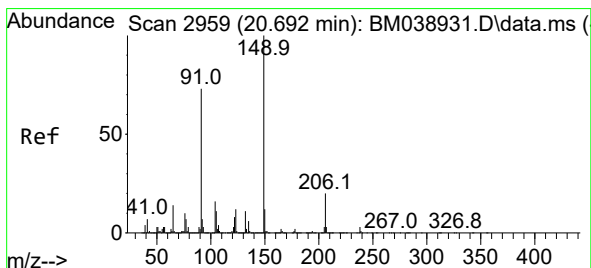
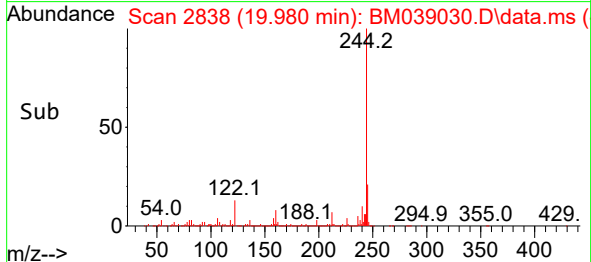
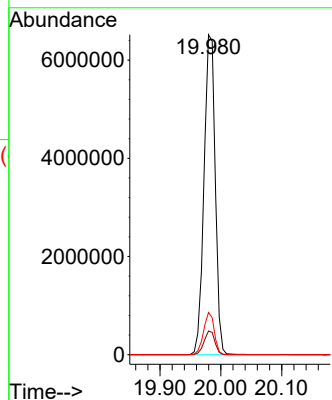
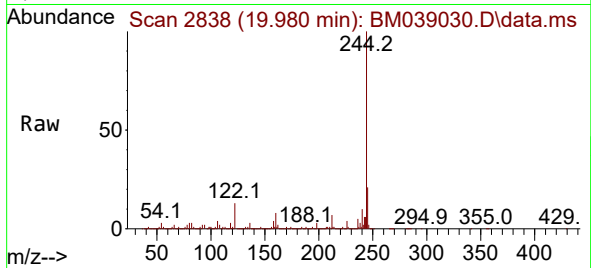




#79
 Terphenyl-d14
 Concen: 99.157 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039030.D
 Acq: 17 Mar 2023 11:27

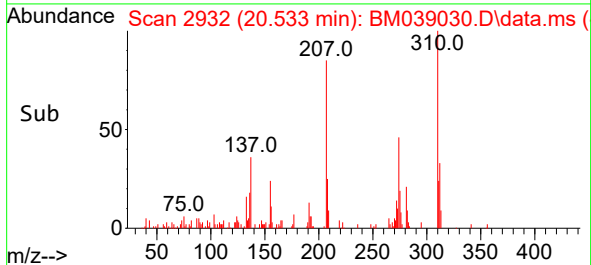
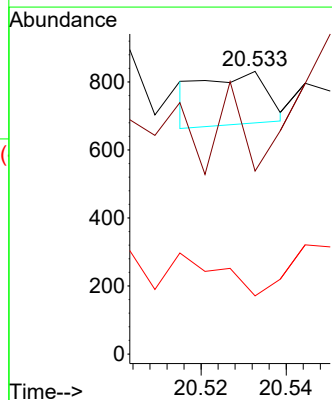
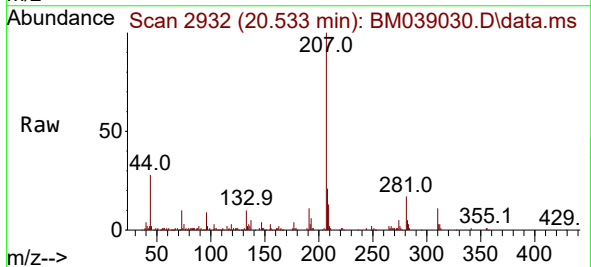
Instrument :
 BNA_M
 ClientSampleId :
 PB151349BL

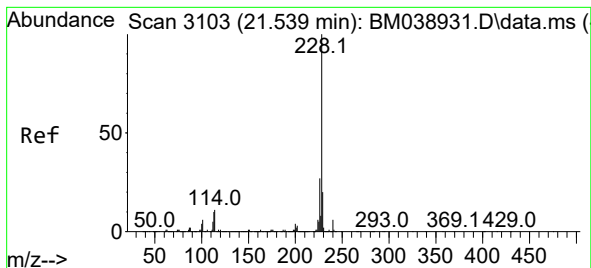
Tgt Ion:244 Resp: 8356066
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 13.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.319 ng
 RT: 20.533 min Scan# 2932
 Delta R.T. -0.141 min
 Lab File: BM039030.D
 Acq: 17 Mar 2023 11:27

Tgt Ion:149 Resp: 158
 Ion Ratio Lower Upper
 149 100
 91 64.7 58.4 87.6
 206 20.6 16.1 24.1





#81

Benzo(a)anthracene

Concen: 0.016 ng

RT: 21.574 min Scan# 3103

Delta R.T. 0.047 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

Instrument :

BNA_M

ClientSampleId :

PB151349BL

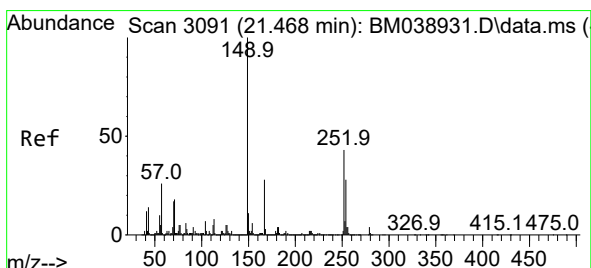
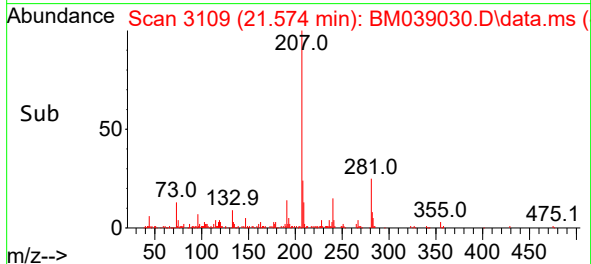
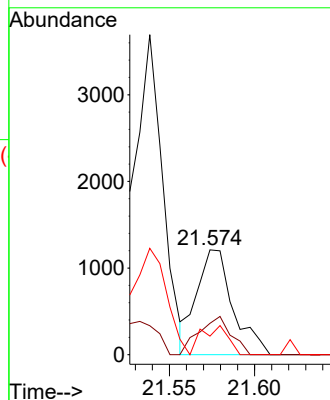
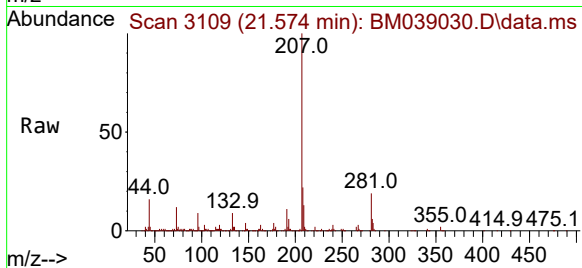
Tgt Ion:228 Resp: 1797

Ion Ratio Lower Upper

228 100

226 29.9 21.4 32.2

229 17.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 0.006 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

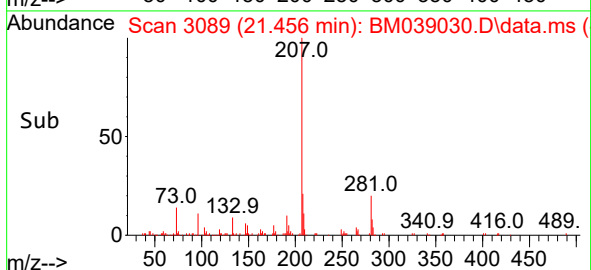
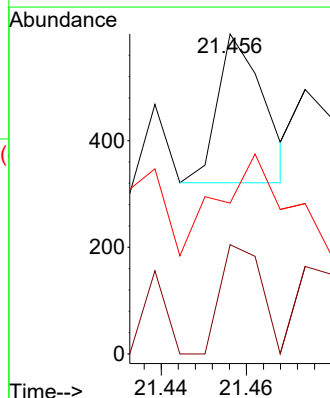
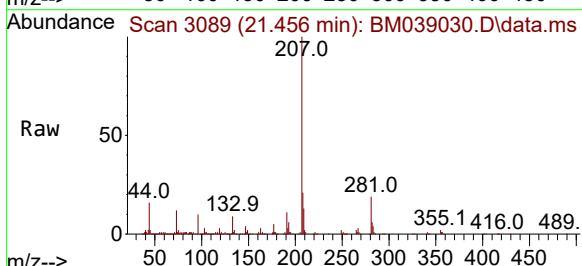
Tgt Ion:252 Resp: 209

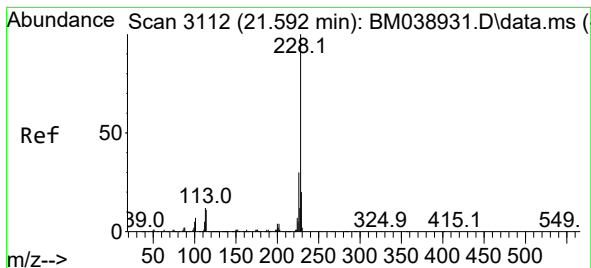
Ion Ratio Lower Upper

252 100

254 34.2 51.5 77.3#

126 47.2 9.9 14.9#





#83

Chrysene

Concen: 0.017 ng

RT: 21.574 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

Instrument :

BNA_M

ClientSampleId :

PB151349BL

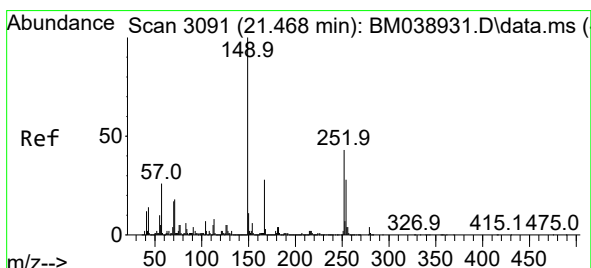
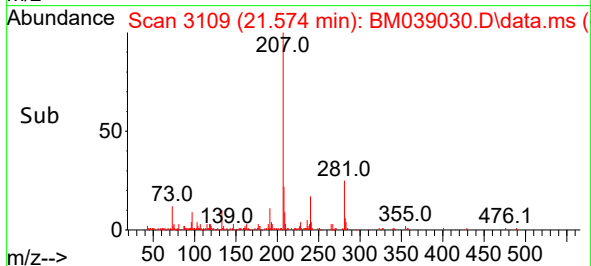
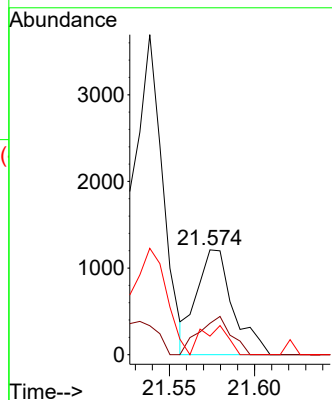
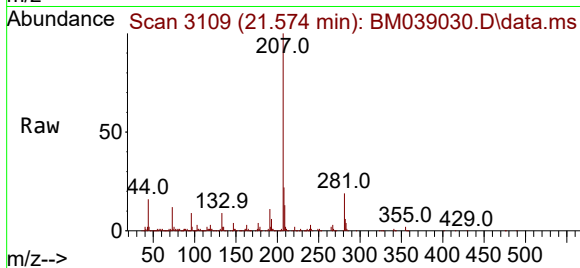
Tgt Ion:228 Resp: 1797

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 17.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.509 ng

RT: 21.450 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

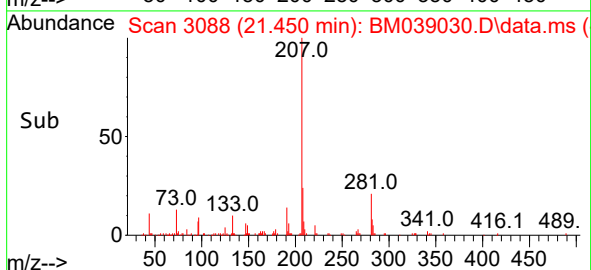
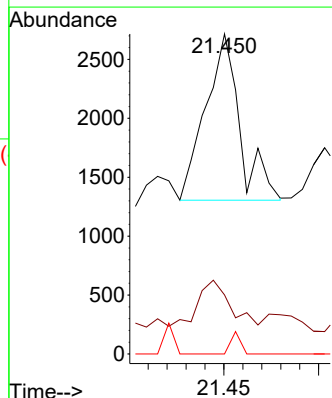
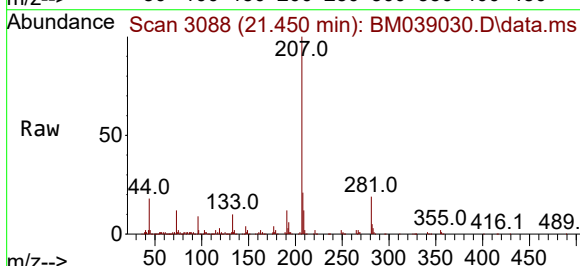
Tgt Ion:149 Resp: 1772

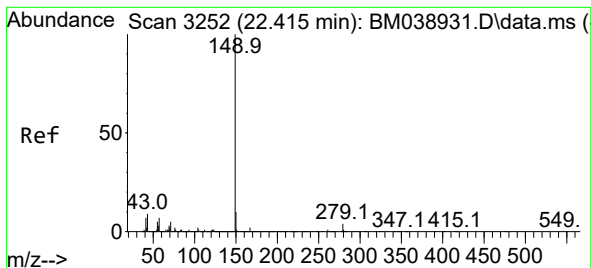
Ion Ratio Lower Upper

149 100

167 18.4 22.3 33.5#

279 0.0 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 3.805 ng

RT: 22.386 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

Instrument :

BNA_M

ClientSampleId :

PB151349BL

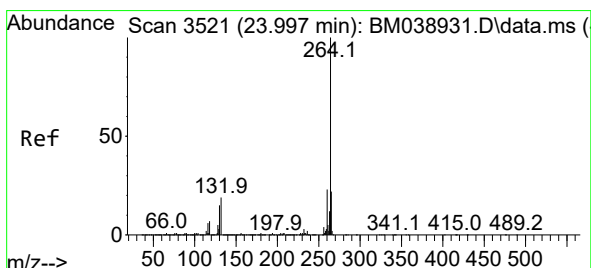
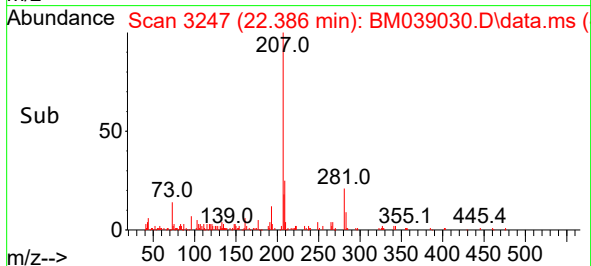
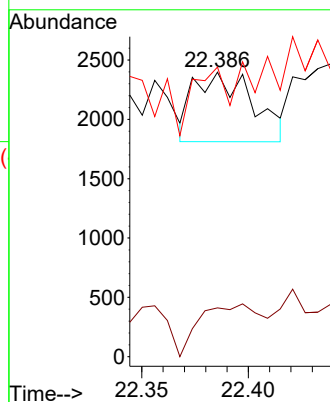
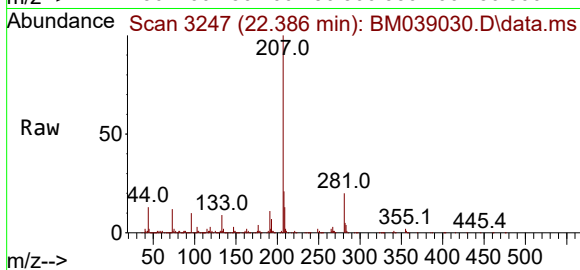
Tgt Ion:149 Resp: 1119

Ion Ratio Lower Upper

149 100

167 81.0 1.2 1.8#

43 55.9 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.974 min Scan# 3517

Delta R.T. -0.006 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

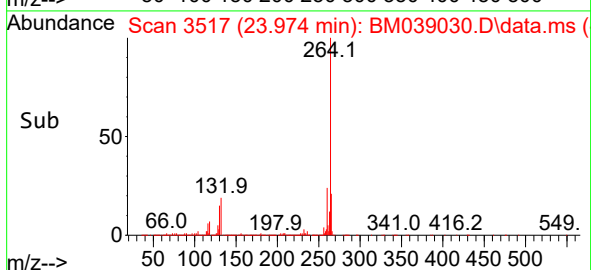
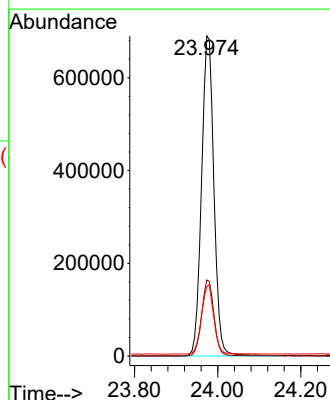
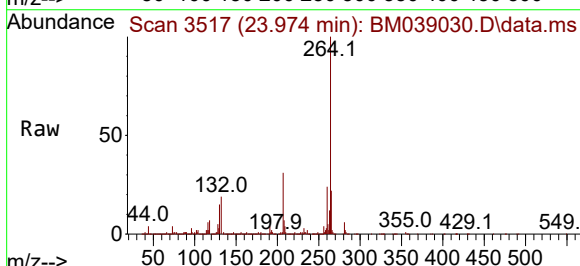
Tgt Ion:264 Resp: 1429904

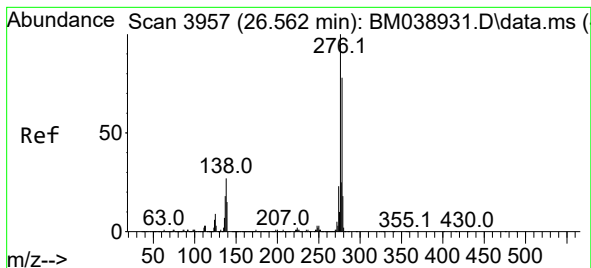
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.005 ng

RT: 26.521 min Scan# 3391

Delta R.T. -0.000 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

Instrument :

BNA_M

ClientSampleId :

PB151349BL

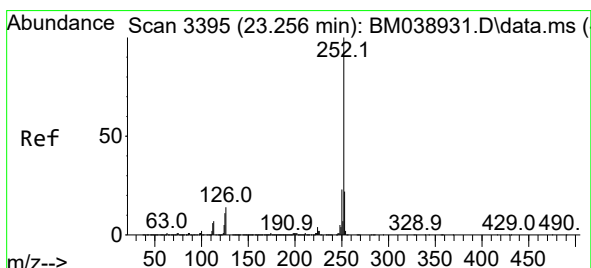
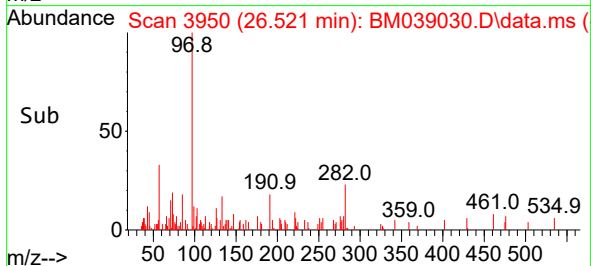
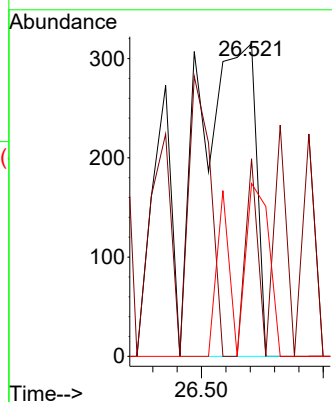
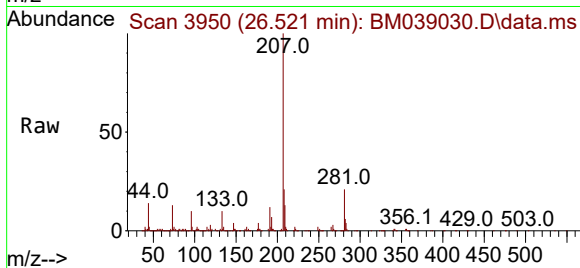
Tgt Ion:276 Resp: 496

Ion Ratio Lower Upper

276 100

138 14.1 22.1 33.1#

277 35.1 20.1 30.1#



#88

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 23.233 min Scan# 3391

Delta R.T. -0.006 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

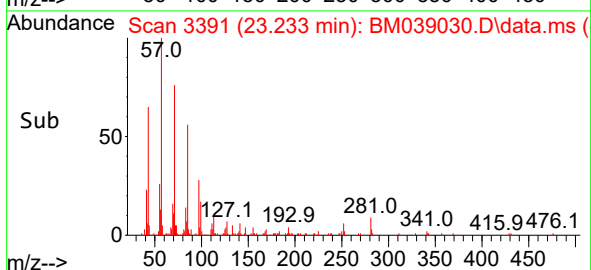
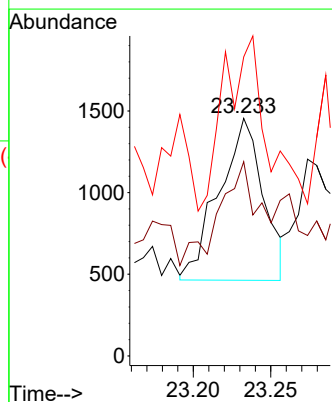
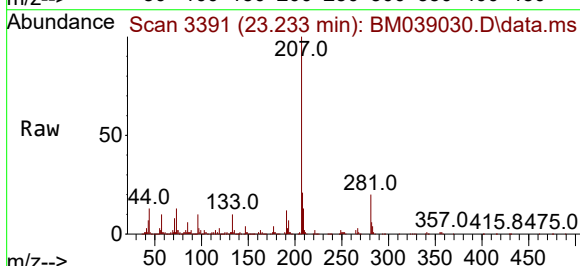
Tgt Ion:252 Resp: 1969

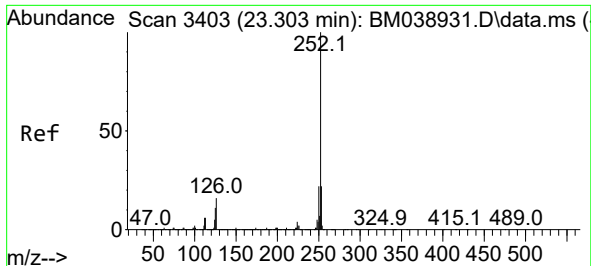
Ion Ratio Lower Upper

252 100

253 81.7 17.6 26.4#

125 125.8 8.8 13.2#

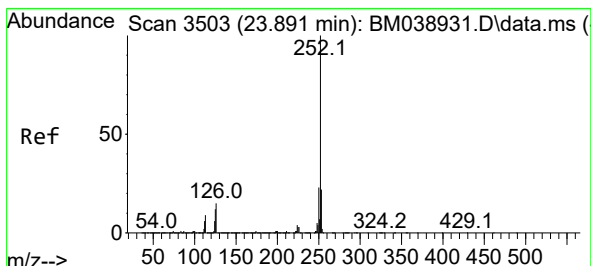
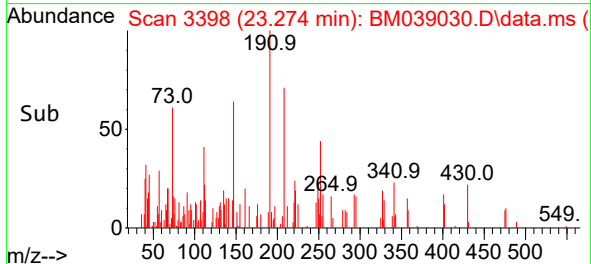
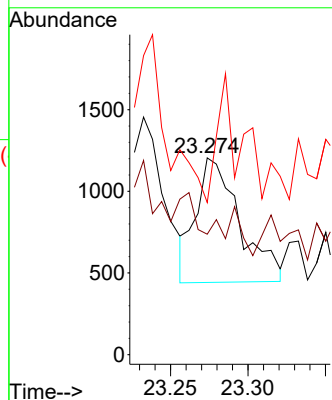
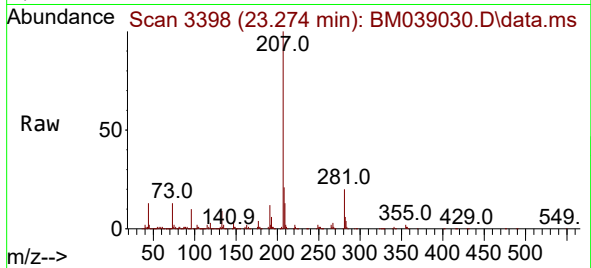




#89
Benzo(k)fluoranthene
Concen: 0.016 ng
RT: 23.274 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

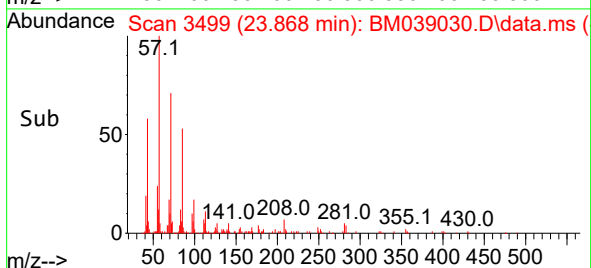
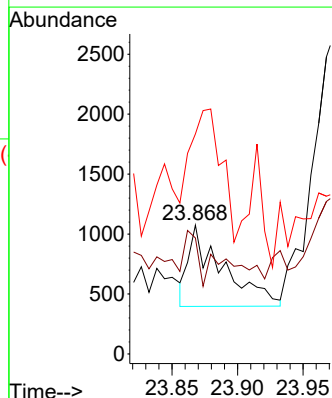
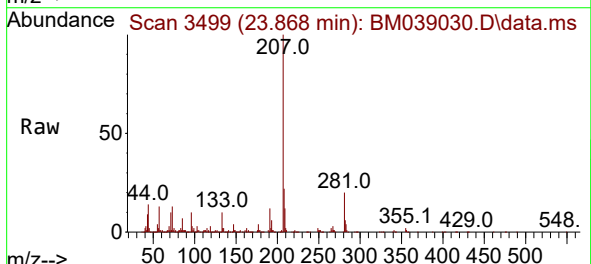
Instrument :
BNA_M
ClientSampleId :
PB151349BL

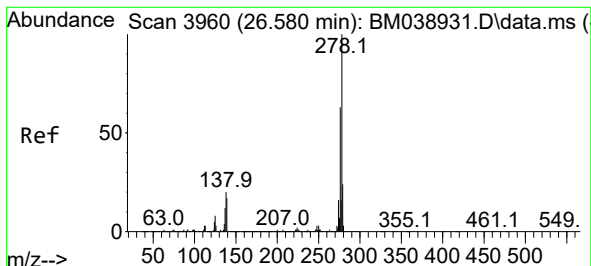
Tgt Ion:252 Resp: 1494
Ion Ratio Lower Upper
252 100
253 61.2 17.5 26.3#
125 77.3 8.9 13.3#



#90
Benzo(a)pyrene
Concen: 0.014 ng
RT: 23.868 min Scan# 3499
Delta R.T. -0.006 min
Lab File: BM039030.D
Acq: 17 Mar 2023 11:27

Tgt Ion:252 Resp: 1230
Ion Ratio Lower Upper
252 100
253 90.1 17.6 26.4#
125 170.9 9.8 14.8#





#91

Dibenzo(a,h)anthracene

Concen: 0.005 ng

RT: 26.515 min Scan# 3949

Delta R.T. -0.024 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

Instrument :

BNA_M

ClientSampleId :

PB151349BL

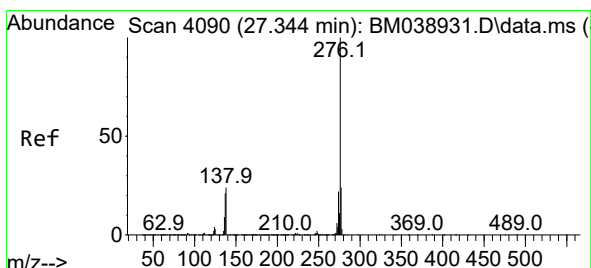
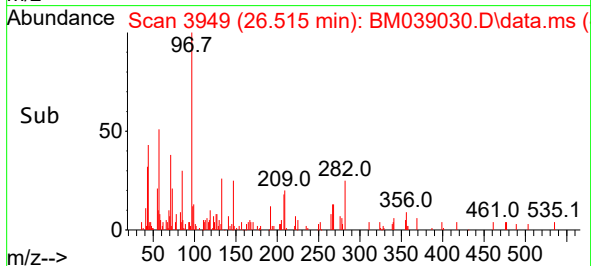
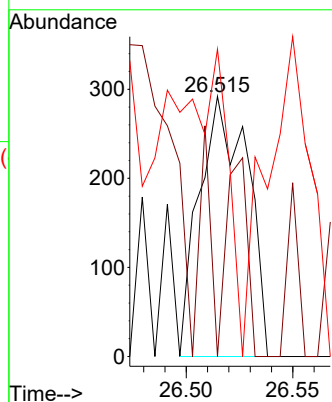
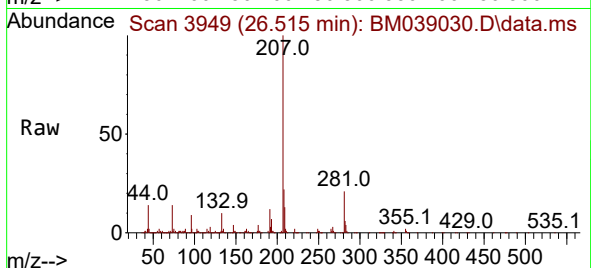
Tgt Ion:278 Resp: 460

Ion Ratio Lower Upper

278 100

139 0.0 13.7 20.5#

279 118.2 18.9 28.3#



#92

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 27.273 min Scan# 4078

Delta R.T. -0.029 min

Lab File: BM039030.D

Acq: 17 Mar 2023 11:27

Tgt Ion:276 Resp: 340

Ion Ratio Lower Upper

276 100

277 0.0 19.3 28.9#

138 47.4 19.0 28.6#

