

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039133.D
 Acq On : 24 Mar 2023 01:44
 Operator : CG/JU
 Sample : 02032-02DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2DL

Quant Time: Mar 24 04:36:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

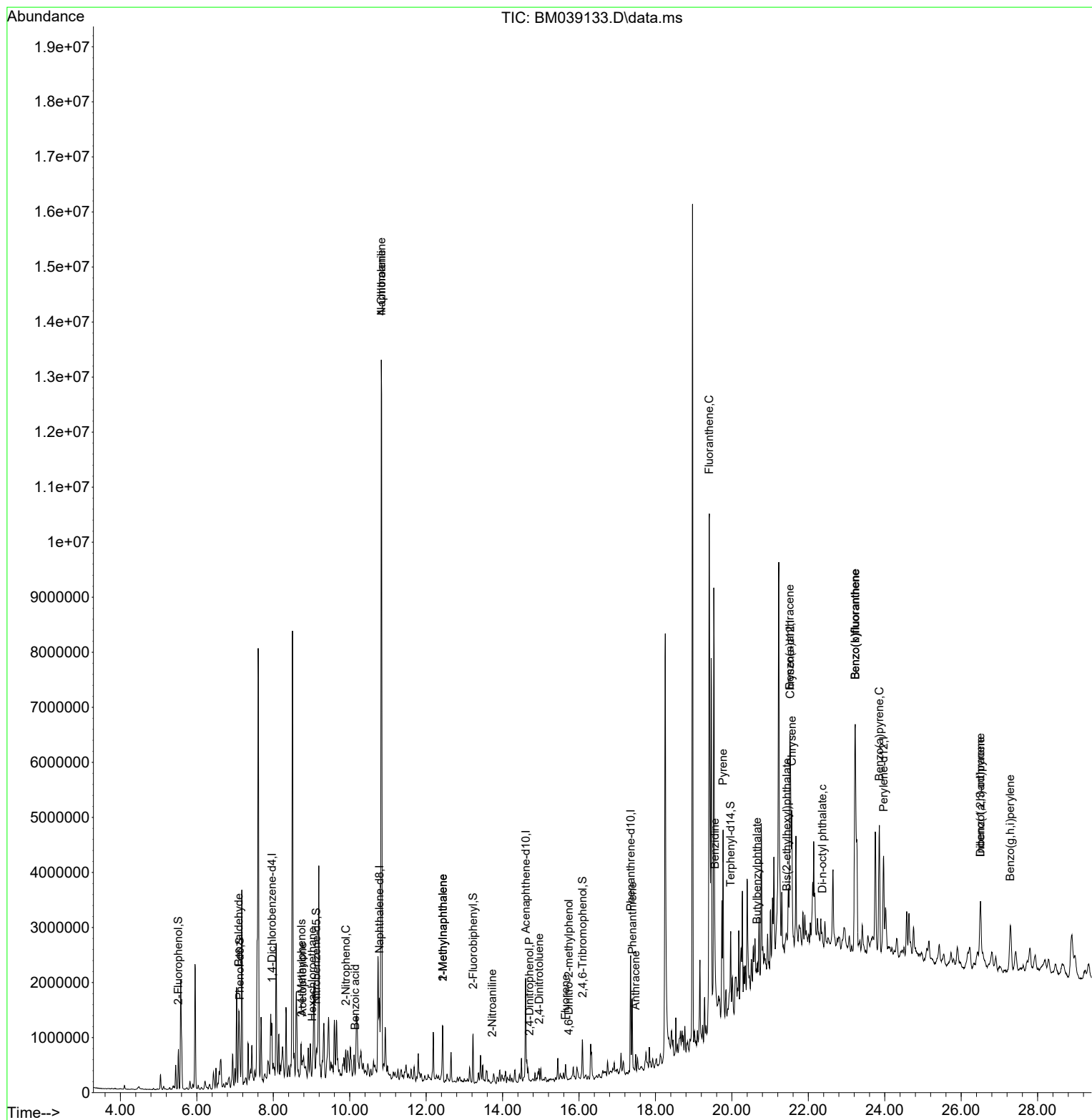
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	292434	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1154310	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	639785	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1296928	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1120998	20.000	ng	0.00
86) Perylene-d12	23.968	264	1295496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	278837	14.486	ng	0.00
7) Phenol-d6	7.122	99	350390	14.015	ng	0.00
23) Nitrobenzene-d5	9.128	82	231819	9.865	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	111117	15.013	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	460948	9.379	ng	0.00
79) Terphenyl-d14	19.968	244	651487	10.626	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.099	77	72691	6.110	ng	# 1
18) Hexachloroethane	9.022	117	29293	3.585	ng	# 7
20) 3+4-Methylphenols	8.740	107	61289	2.517	ng	88
22) Acetophenone	8.763	105	179560	5.544	ng	# 60
26) 2-Nitrophenol	9.898	139	4526	3.380	ng	# 1
31) Naphthalene	10.828	128	11014803	167.345	ng	98
32) Benzoic acid	10.140	122	438	5.761	ng	# 1
33) 4-Chloroaniline	10.828	127	1468664	52.357	ng	# 33
37) 2-Methylnaphthalene	12.434	142	486963	11.038	ng	99
38) 1-Methylnaphthalene	12.434	142	486963	11.779	ng	97
48) 2-Nitroaniline	13.728	65	501	2.252	ng	# 50
54) 2,4-Dinitrophenol	14.698	184	637	5.286	ng	# 1
57) 2,4-Dinitrotoluene	14.957	165	3610	2.312	ng	# 62
58) Fluorene	15.645	166	115450	2.354	ng	99
65) 4,6-Dinitro-2-methylph...	15.727	198	219	5.111	ng	# 1
71) Phenanthrene	17.392	178	805111	10.577	ng	100
72) Anthracene	17.480	178	192169	2.532	ng	98
75) Fluoranthene	19.404	202	2575385	32.045	ng	97
77) Benzidine	19.551	184	3304	4.992	ng	# 1
78) Pyrene	19.768	202	1962298	23.306	ng	99
80) Butylbenzylphthalate	20.656	149	2281	3.375	ng	# 1
81) Benzo(a)anthracene	21.515	228	1737720	21.525	ng	97
83) Chrysene	21.568	228	1794124	22.851	ng	97
84) Bis(2-ethylhexyl)phtha...	21.433	149	33798	3.104	ng	# 79
85) Di-n-octyl phthalate	22.368	149	3167	3.830	ng	# 77
87) Indeno(1,2,3-cd)pyrene	26.503	276	1245134	12.631	ng	97
88) Benzo(b)fluoranthene	23.227	252	3427549	41.413	ng	98
89) Benzo(k)fluoranthene	23.227	252	3427549	39.793	ng	98
90) Benzo(a)pyrene	23.856	252	1621536	20.357	ng	97
91) Dibenzo(a,h)anthracene	26.503	278	411094	4.924	ng	# 89
92) Benzo(g,h,i)perylene	27.285	276	1138198	13.935	ng	99

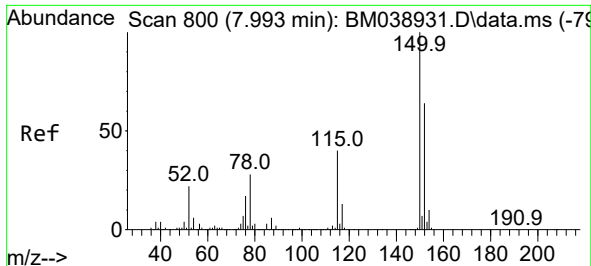
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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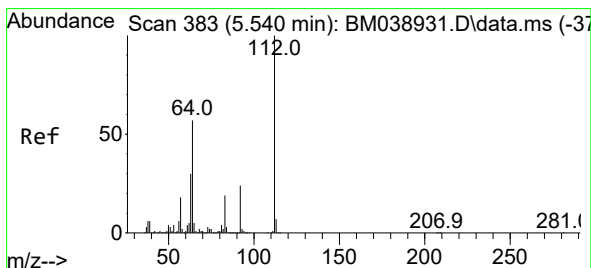
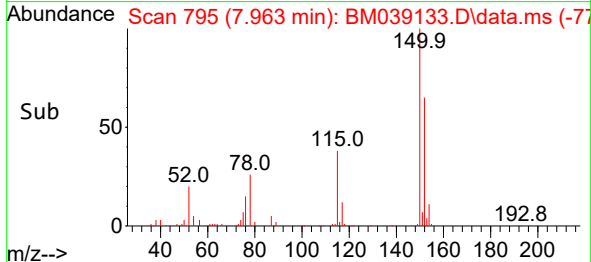
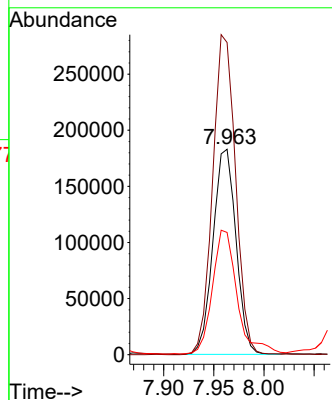
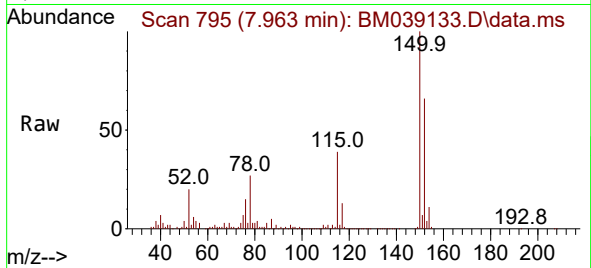




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

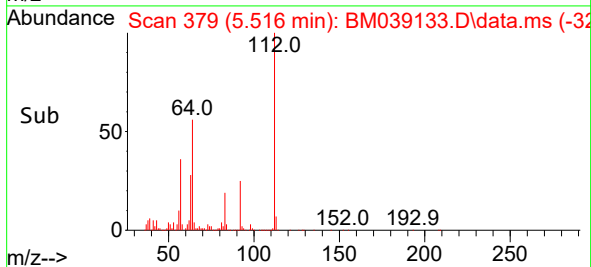
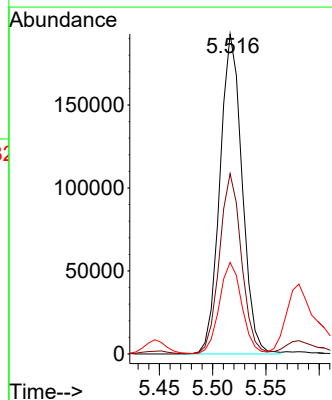
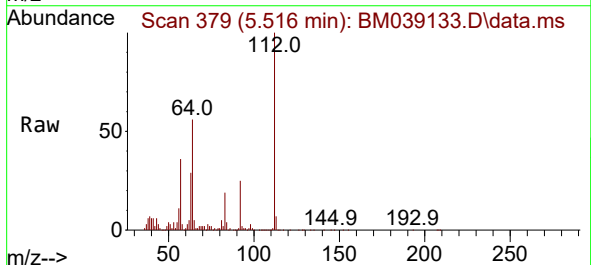
Instrument :
BNA_M
ClientSampleId :
S-2DL

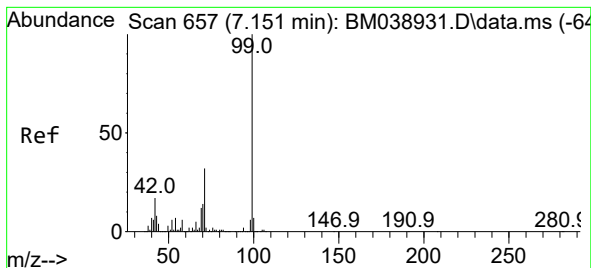
Tgt Ion:152 Resp: 292434
Ion Ratio Lower Upper
152 100
150 152.0 125.1 187.7
115 59.5 49.6 74.4



#5
2-Fluorophenol
Concen: 14.486 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.006 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

Tgt Ion:112 Resp: 278837
Ion Ratio Lower Upper
112 100
64 56.4 45.9 68.9
63 28.6 23.8 35.8





#7

Phenol-d6

Concen: 14.015 ng

RT: 7.122 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

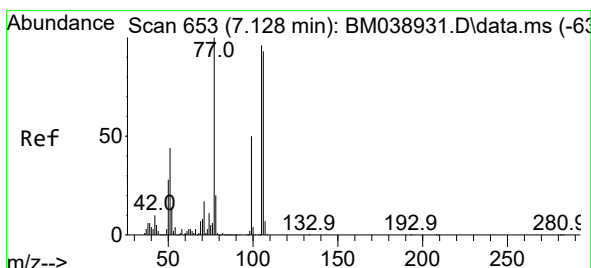
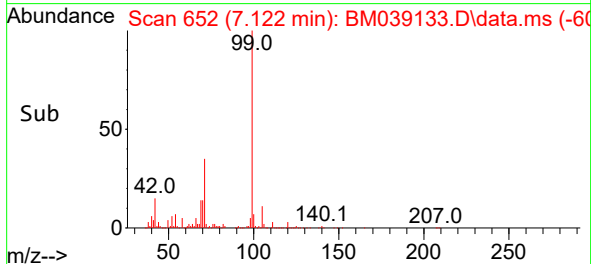
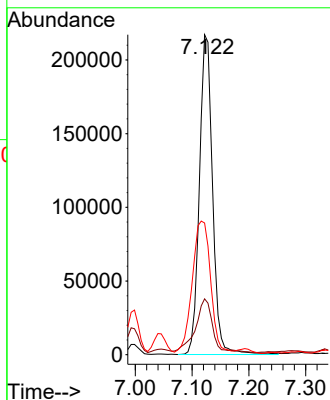
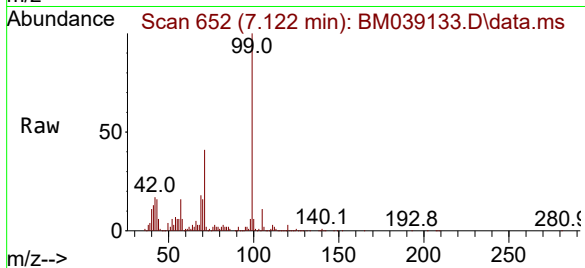
Tgt Ion: 99 Resp: 350390

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 41.2 25.6 38.4#



#9

Benzaldehyde

Concen: 6.110 ng

RT: 7.099 min Scan# 648

Delta R.T. -0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

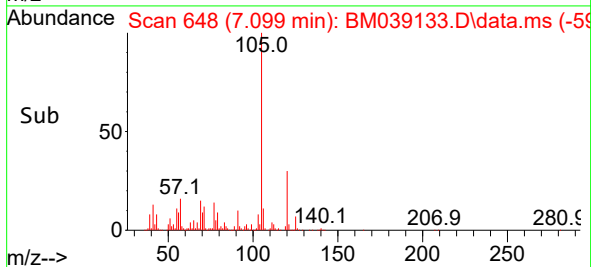
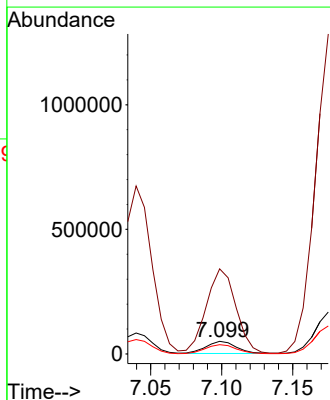
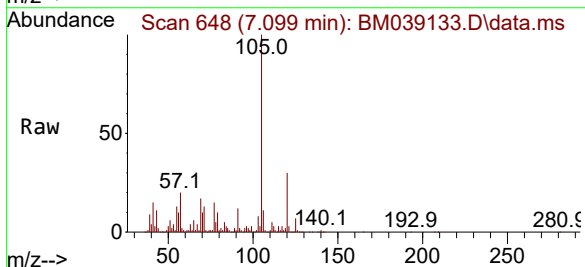
Tgt Ion: 77 Resp: 72691

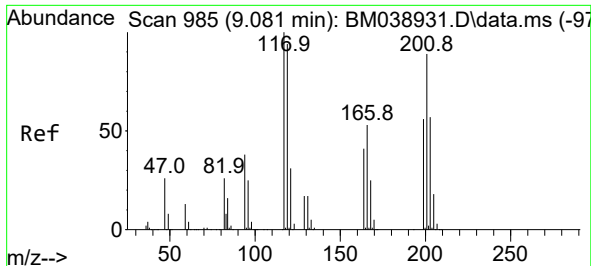
Ion Ratio Lower Upper

77 100

105 675.5 75.8 115.8#

106 74.0 72.6 112.6





#18

Hexachloroethane

Concen: 3.585 ng

RT: 9.022 min Scan# 91

Delta R.T. -0.029 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

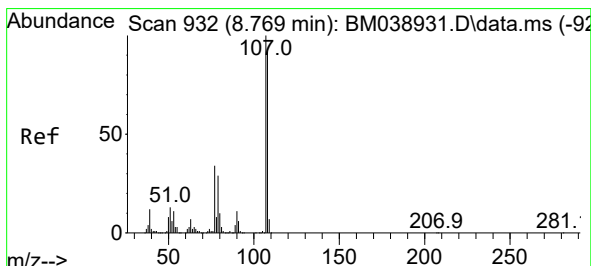
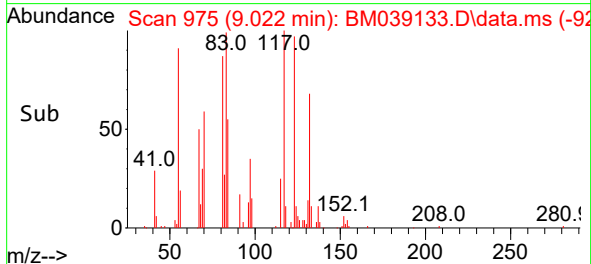
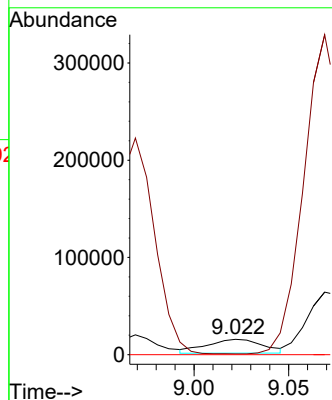
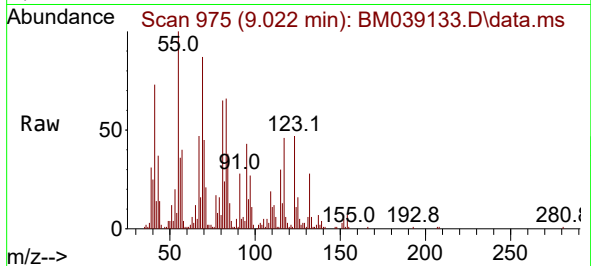
Tgt Ion:117 Resp: 29293

Ion Ratio Lower Upper

117 100

119 5.8 75.4 113.0#

201 0.0 71.3 106.9#



#20

3+4-Methylphenols

Concen: 2.517 ng

RT: 8.740 min Scan# 927

Delta R.T. -0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Tgt Ion:107 Resp: 61289

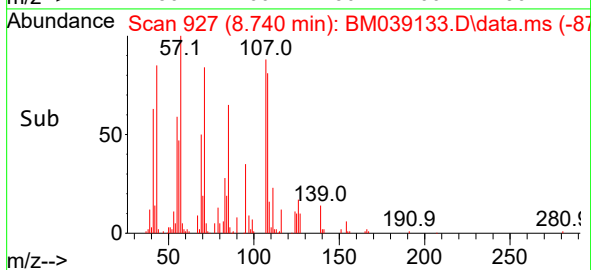
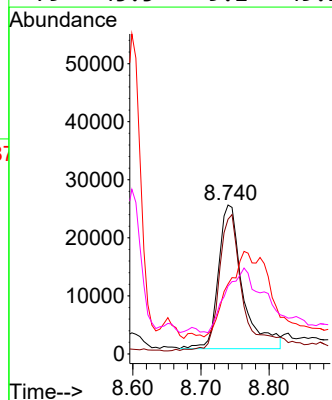
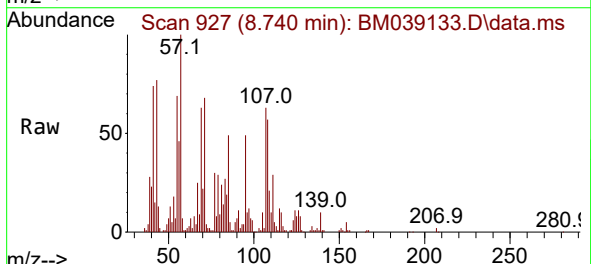
Ion Ratio Lower Upper

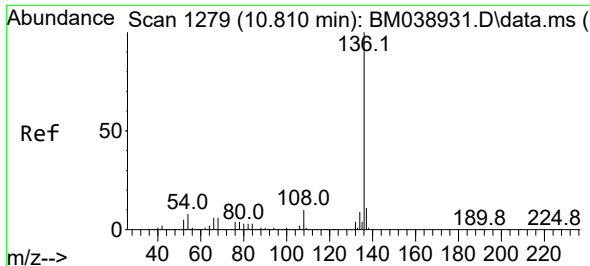
107 100

108 90.5 71.8 111.8

77 46.9 13.6 53.6

79 45.5 9.2 49.2

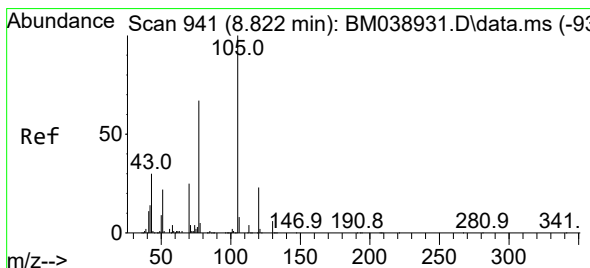
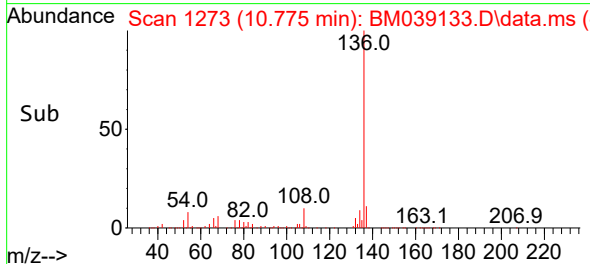
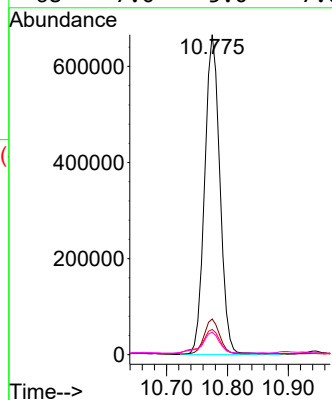
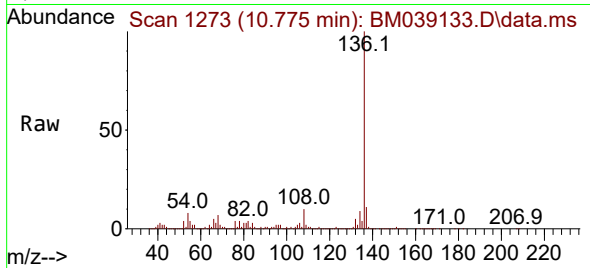




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

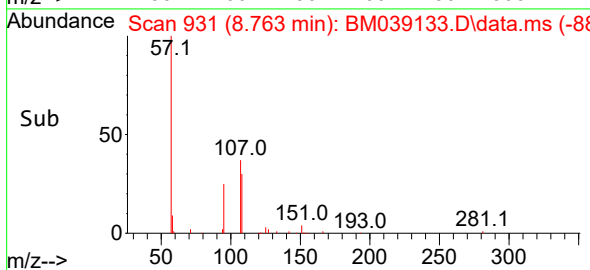
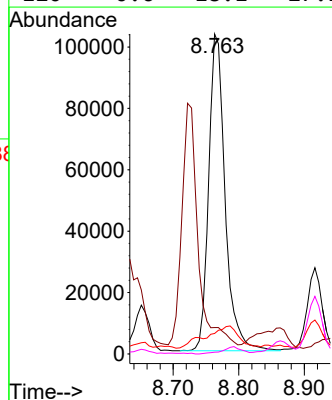
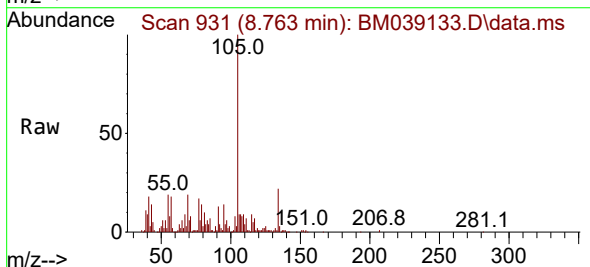
Instrument :
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ClientSampleId :
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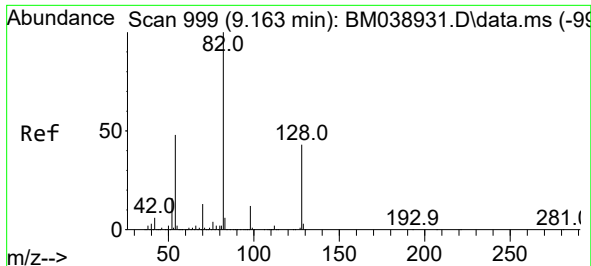
Tgt Ion:136 Resp: 1154310
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.9 6.3 9.5
68 7.0 5.0 7.6



#22
Acetophenone
Concen: 5.544 ng
RT: 8.763 min Scan# 931
Delta R.T. -0.035 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

Tgt Ion:105 Resp: 179560
Ion Ratio Lower Upper
105 100
71 8.3 3.4 5.0#
51 6.4 21.0 31.4#
120 0.6 18.1 27.1#

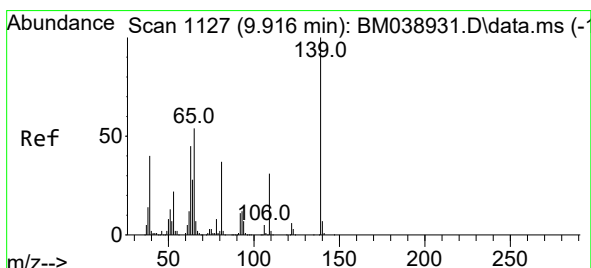
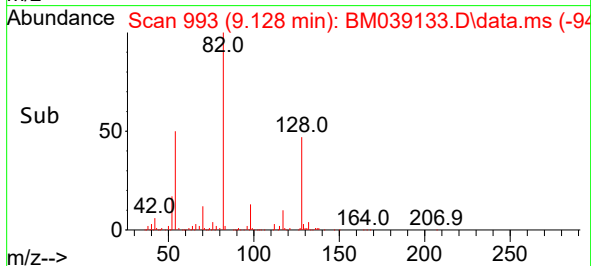
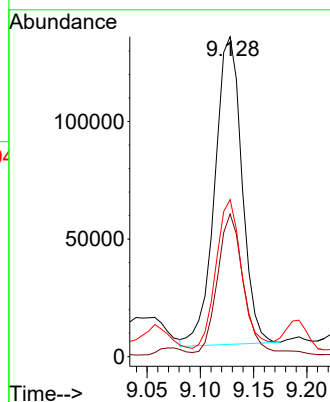
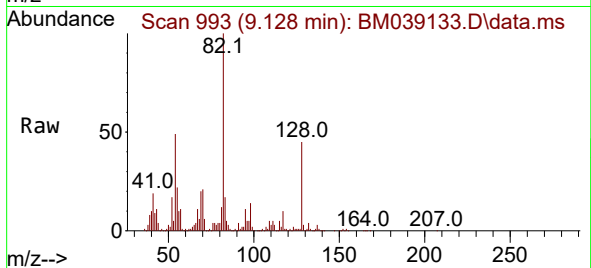




#23
Nitrobenzene-d5
Concen: 9.865 ng
RT: 9.128 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

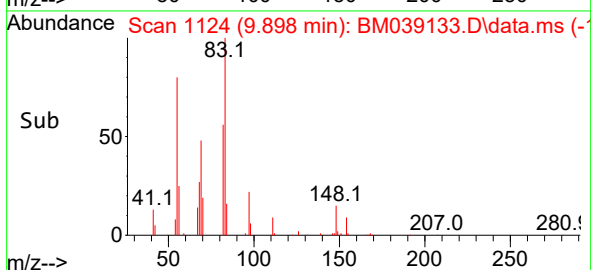
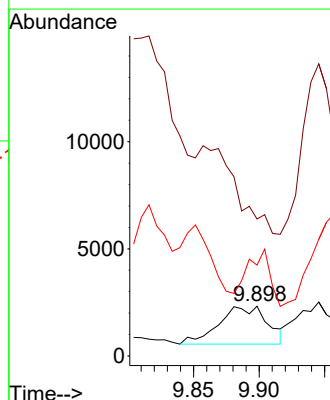
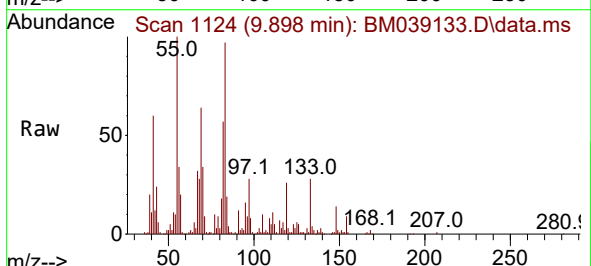
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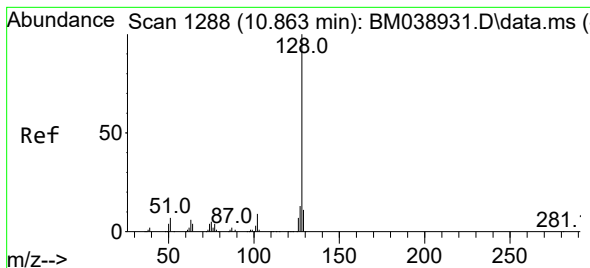
Tgt Ion: 82 Resp: 231819
Ion Ratio Lower Upper
82 100
128 44.5 34.4 51.6
54 49.1 38.8 58.2



#26
2-Nitrophenol
Concen: 3.380 ng
RT: 9.898 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

Tgt Ion:139 Resp: 4526
Ion Ratio Lower Upper
139 100
109 274.9 24.5 36.7#
65 182.5 43.0 64.6#





#31

Naphthalene

Concen: 167.345 ng

RT: 10.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

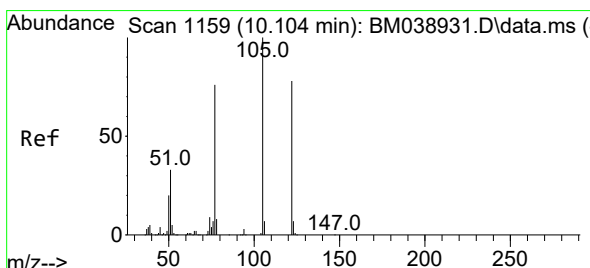
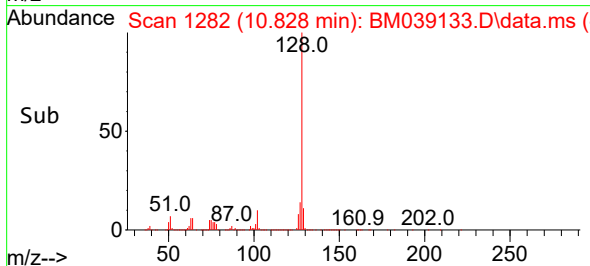
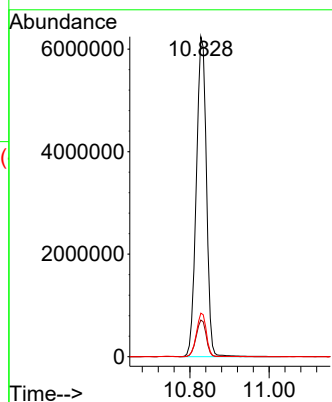
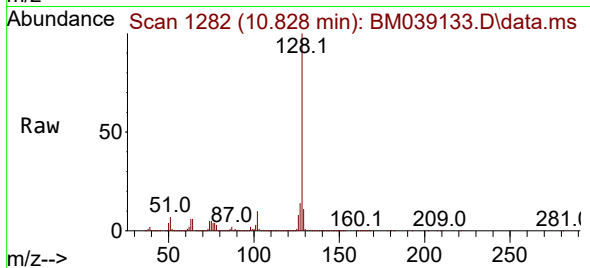
Tgt Ion:128 Resp:11014803

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

127 13.6 10.2 15.4



#32

Benzoic acid

Concen: 5.761 ng

RT: 10.140 min Scan# 1165

Delta R.T. 0.053 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

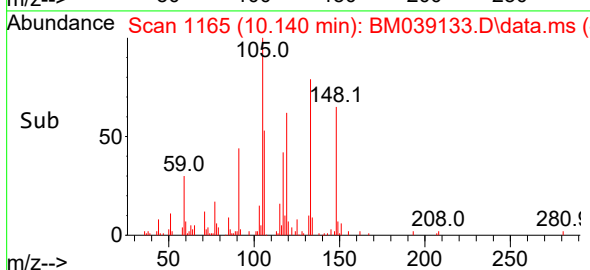
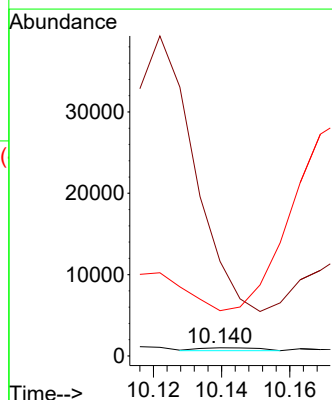
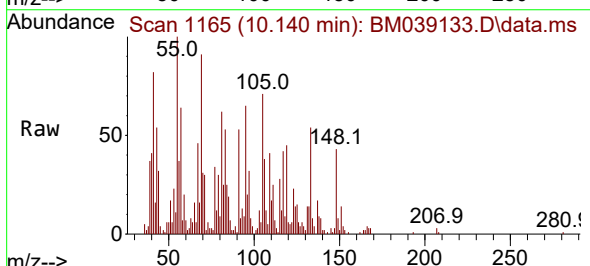
Tgt Ion:122 Resp: 438

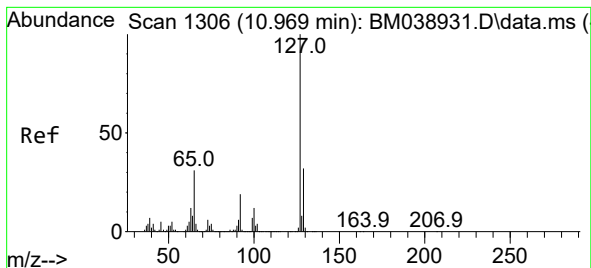
Ion Ratio Lower Upper

122 100

105 1154.9 104.2 144.2#

77 552.4 75.1 115.1#

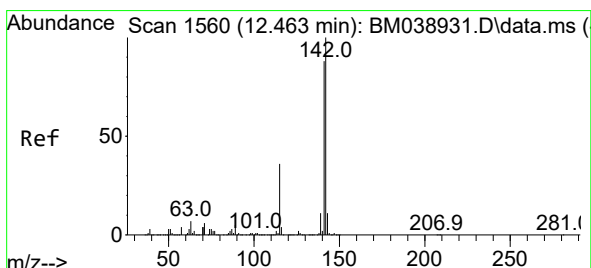
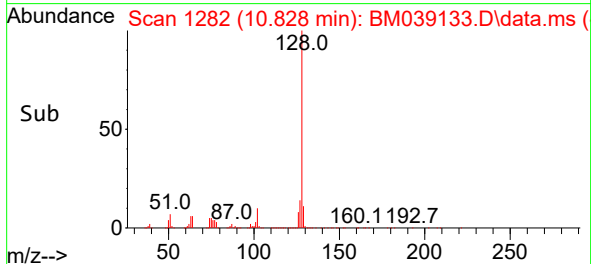
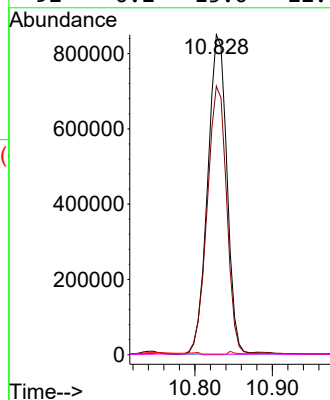
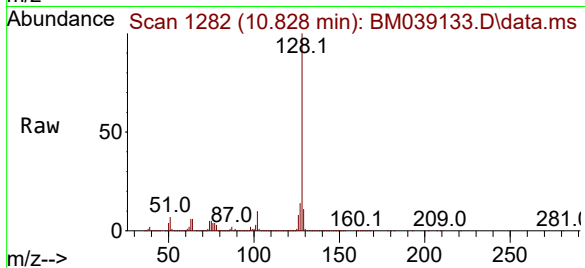




#33
4-Chloroaniline
Concen: 52.357 ng
RT: 10.828 min Scan# 11
Delta R.T. -0.112 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

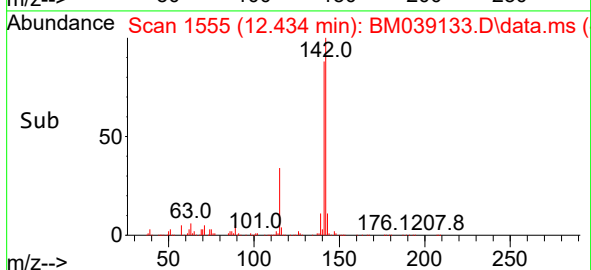
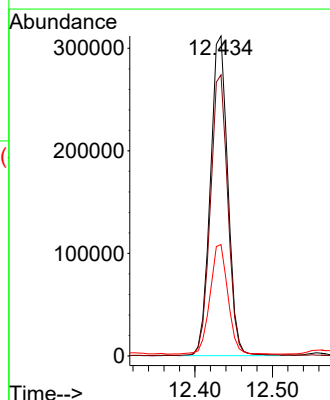
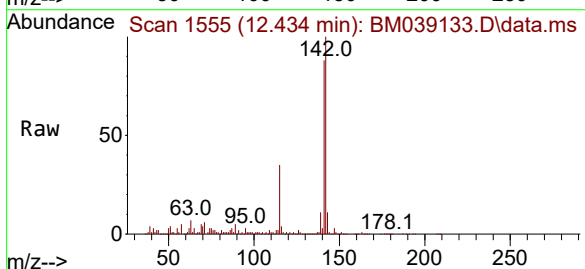
Instrument :
BNA_M
ClientSampleId :
S-2DL

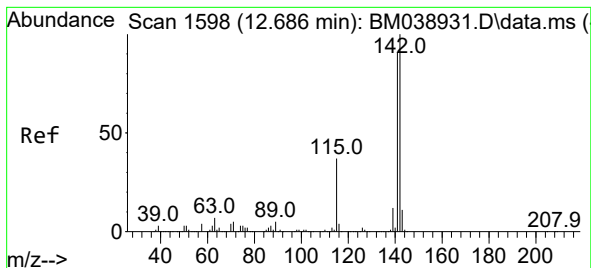
Tgt Ion:127 Resp: 1468664
Ion Ratio Lower Upper
127 100
129 83.9 25.4 38.2#
65 0.0 24.4 36.6#
92 0.2 15.0 22.4#



#37
2-Methylnaphthalene
Concen: 11.038 ng
RT: 12.434 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

Tgt Ion:142 Resp: 486963
Ion Ratio Lower Upper
142 100
141 87.8 70.6 106.0
115 34.8 28.5 42.7





#38

1-Methylnaphthalene

Concen: 11.779 ng

RT: 12.434 min Scan# 1

Delta R.T. -0.223 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

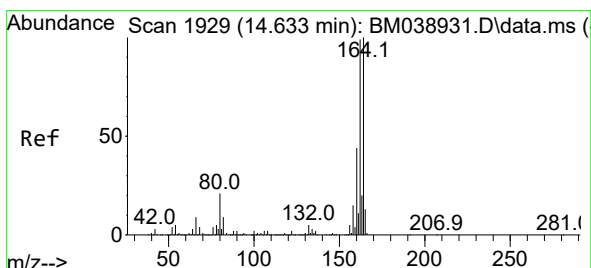
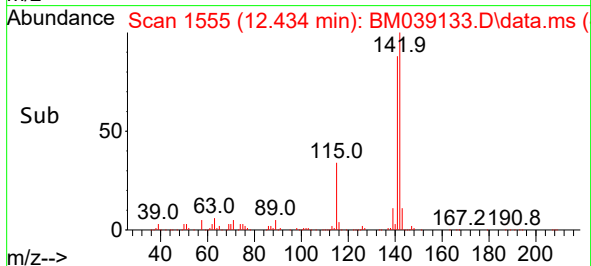
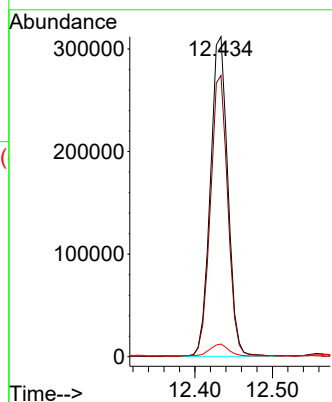
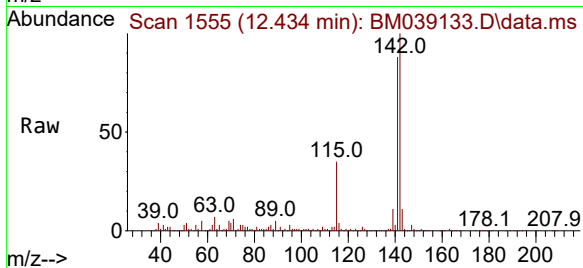
Tgt Ion:142 Resp: 486963

Ion Ratio Lower Upper

142 100

141 87.8 72.8 109.2

116 4.0 3.0 4.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

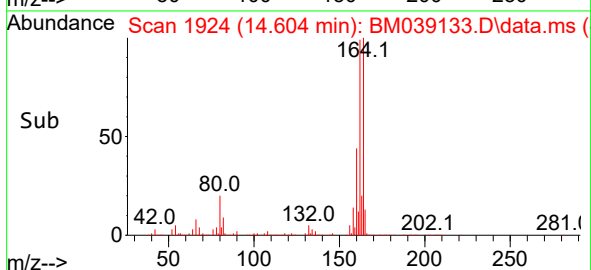
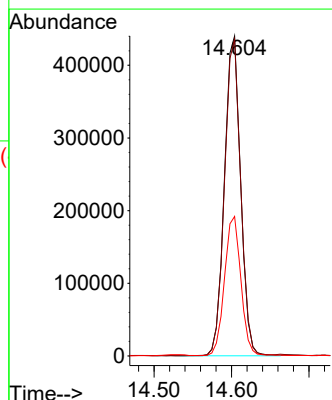
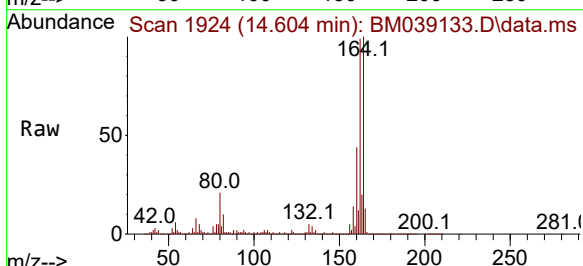
Tgt Ion:164 Resp: 639785

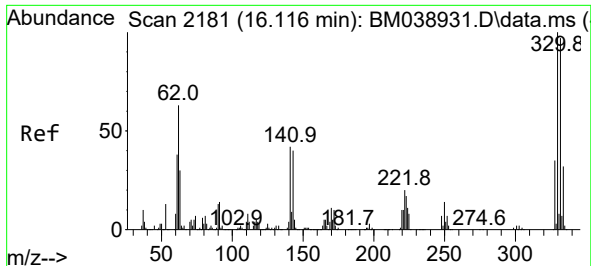
Ion Ratio Lower Upper

164 100

162 99.0 79.2 118.8

160 43.6 35.5 53.3

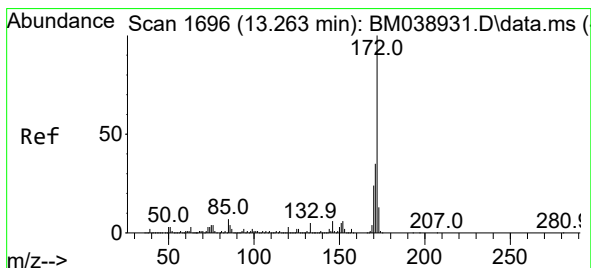
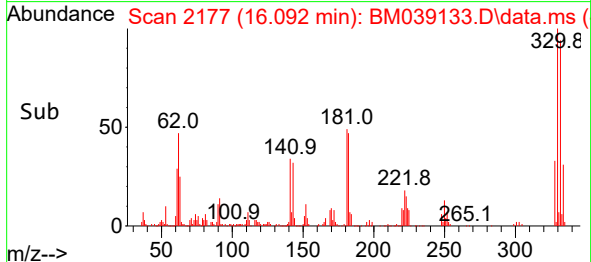
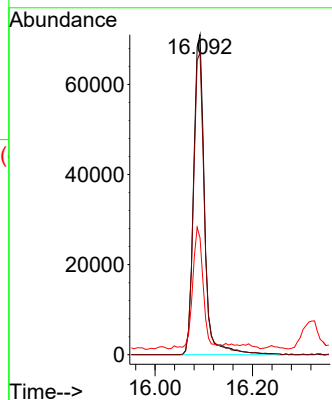
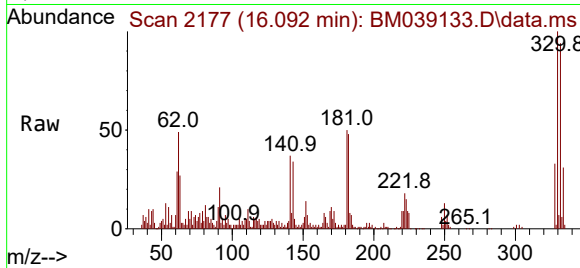




#42
2,4,6-Tribromophenol
Concen: 15.013 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

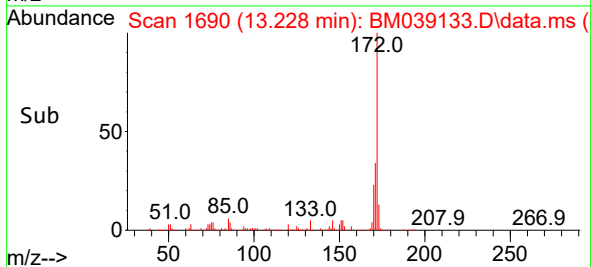
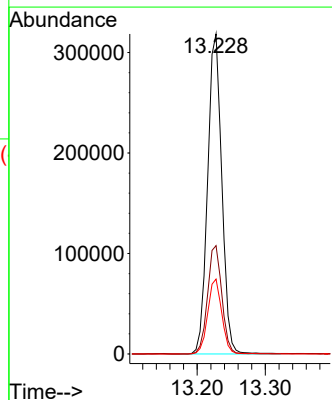
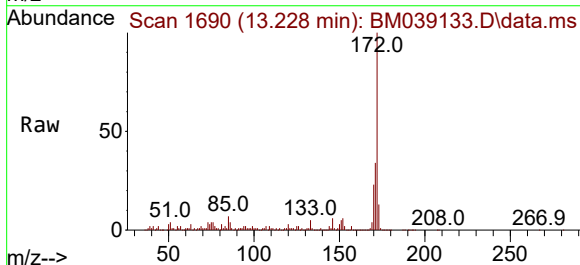
Instrument :
BNA_M
ClientSampleId :
S-2DL

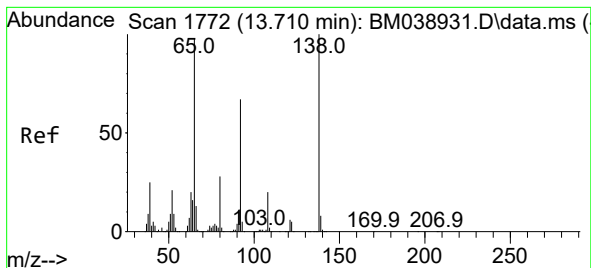
Tgt Ion:330 Resp: 111117
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 34.5 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 9.379 ng
RT: 13.228 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

Tgt Ion:172 Resp: 460948
Ion Ratio Lower Upper
172 100
171 33.9 28.2 42.2
170 23.4 19.1 28.7





#48

2-Nitroaniline

Concen: 2.252 ng

RT: 13.728 min Scan# 1

Delta R.T. 0.035 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

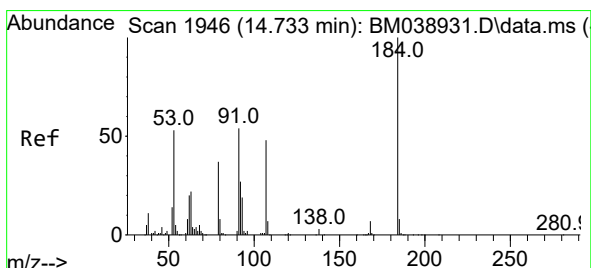
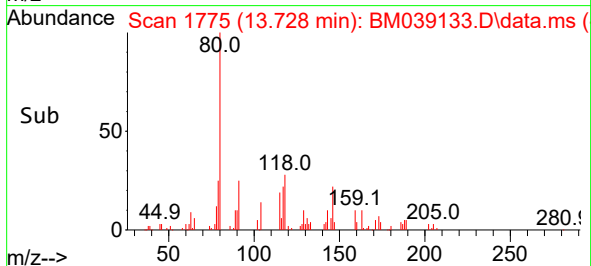
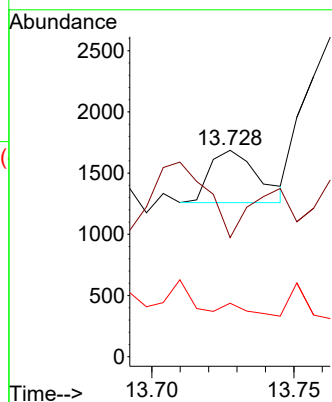
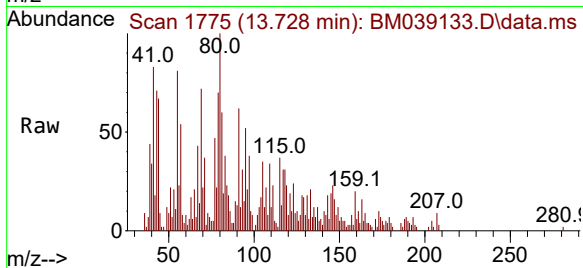
Tgt Ion: 65 Resp: 501

Ion Ratio Lower Upper

65 100

92 57.7 54.9 82.3

138 25.9 81.6 122.4#



#54

2,4-Dinitrophenol

Concen: 5.286 ng

RT: 14.698 min Scan# 1940

Delta R.T. -0.017 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

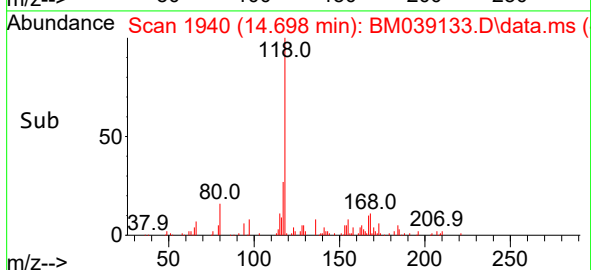
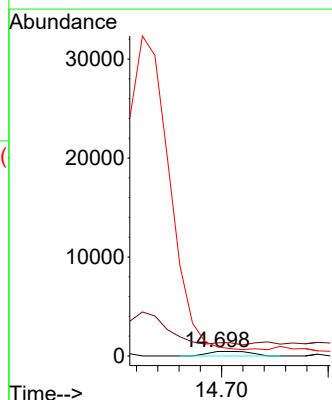
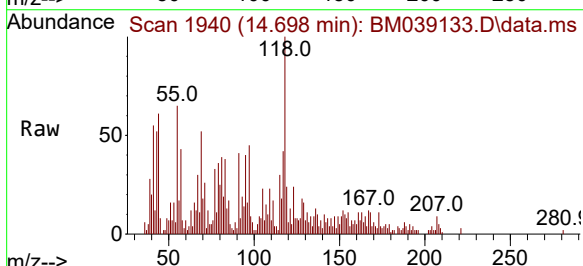
Tgt Ion:184 Resp: 637

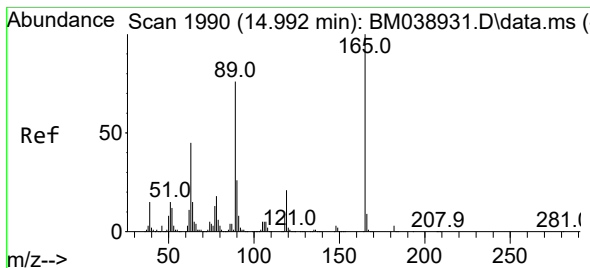
Ion Ratio Lower Upper

184 100

63 288.4 60.6 90.8#

154 202.2 51.4 77.2#

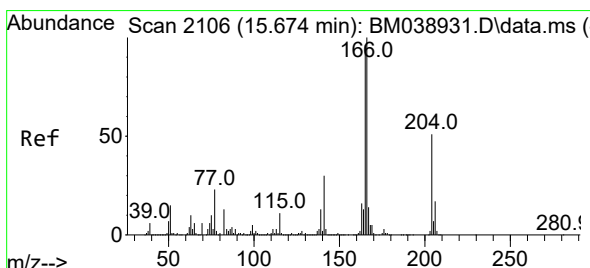
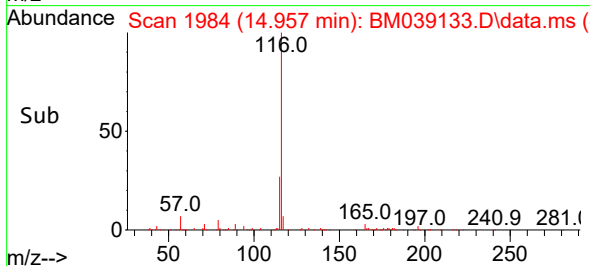
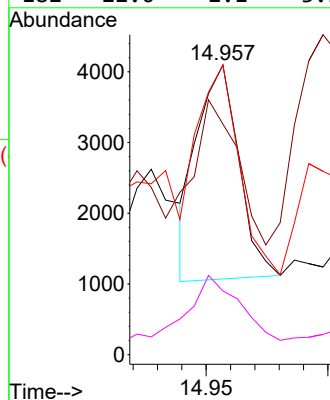
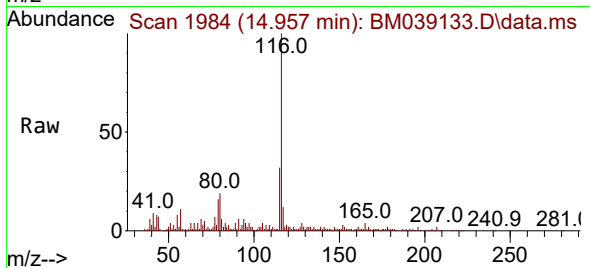




#57
2,4-Dinitrotoluene
Concen: 2.312 ng
RT: 14.957 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

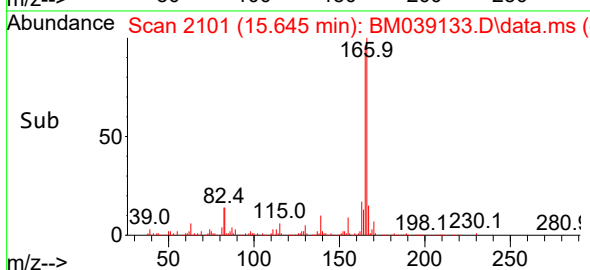
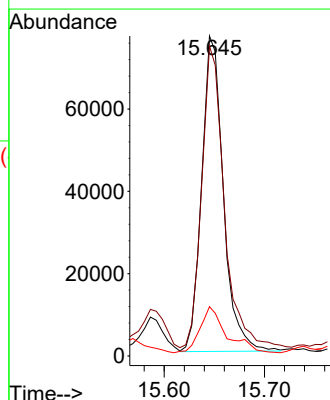
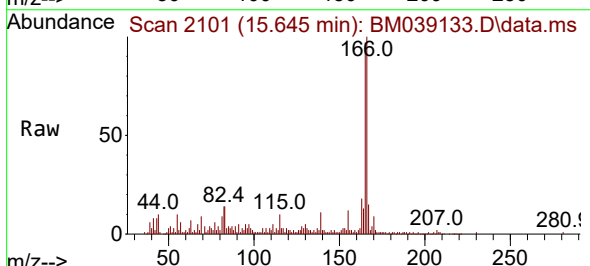
Instrument :
BNA_M
ClientSampleId :
S-2DL

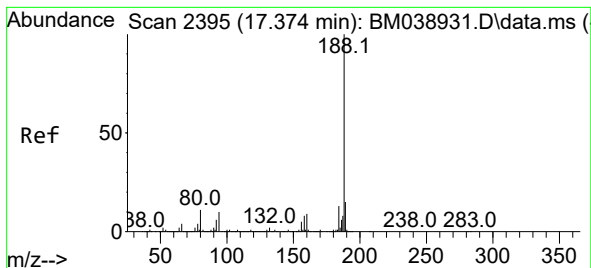
Tgt Ion:165 Resp: 3610
Ion Ratio Lower Upper
165 100
63 79.6 35.9 53.9#
89 100.0 61.0 91.6#
182 22.0 2.1 3.1#



#58
Fluorene
Concen: 2.354 ng
RT: 15.645 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

Tgt Ion:166 Resp: 115450
Ion Ratio Lower Upper
166 100
165 96.8 77.1 115.7
167 15.4 10.9 16.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

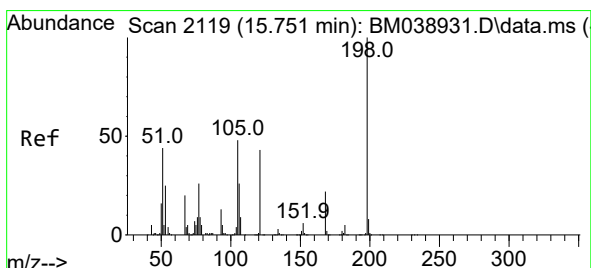
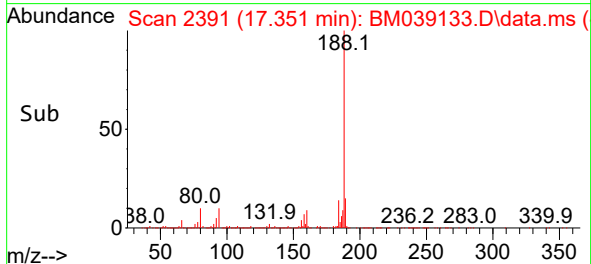
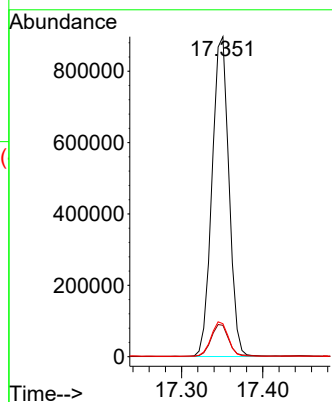
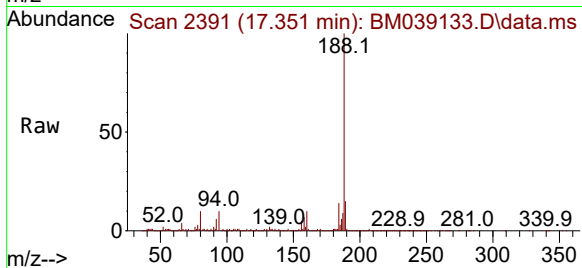
Tgt Ion:188 Resp: 1296928

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.3 8.5 12.7



#65

4,6-Dinitro-2-methylphenol

Concen: 5.111 ng

RT: 15.727 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

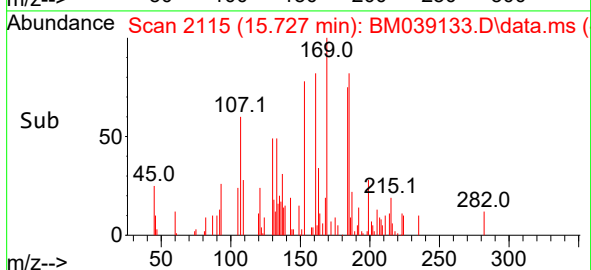
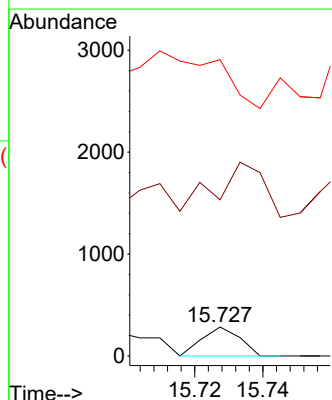
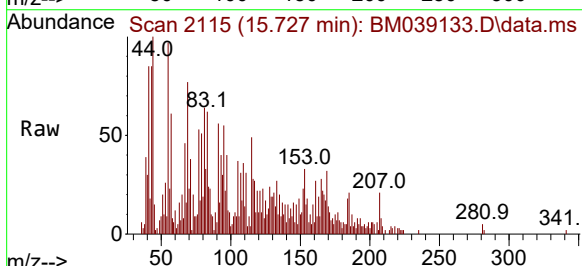
Tgt Ion:198 Resp: 219

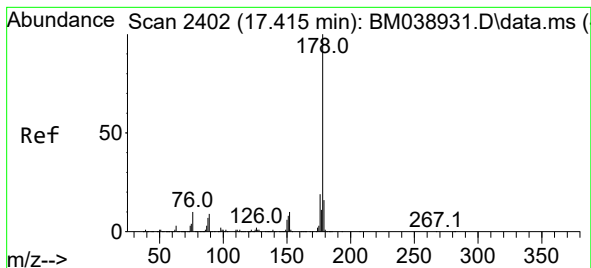
Ion Ratio Lower Upper

198 100

51 537.9 30.1 70.1#

105 1020.4 29.3 69.3#





#71

Phenanthrene

Concen: 10.577 ng

RT: 17.392 min Scan# 2413

Delta R.T. 0.000 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

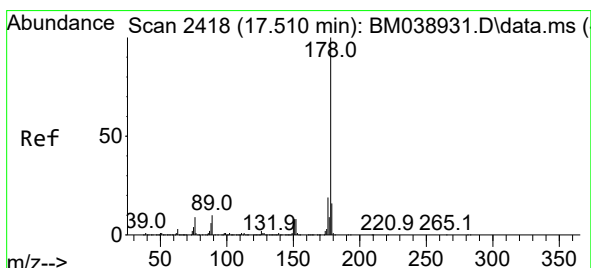
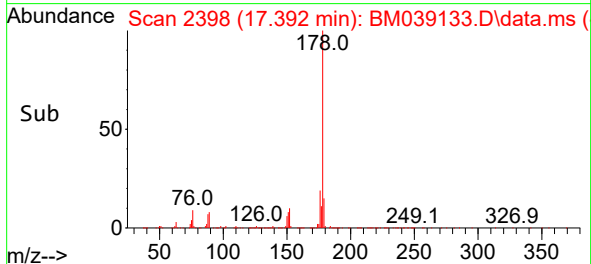
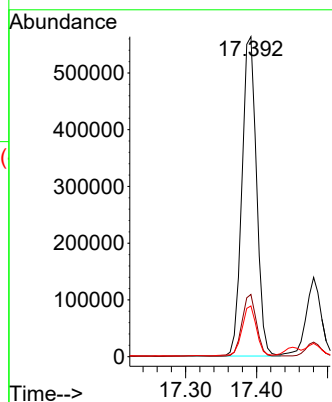
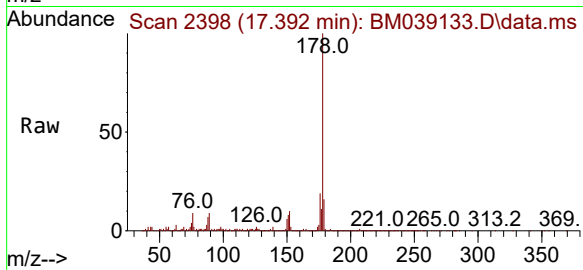
Tgt Ion:178 Resp: 805111

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.9 12.5 18.7



#72

Anthracene

Concen: 2.532 ng

RT: 17.480 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

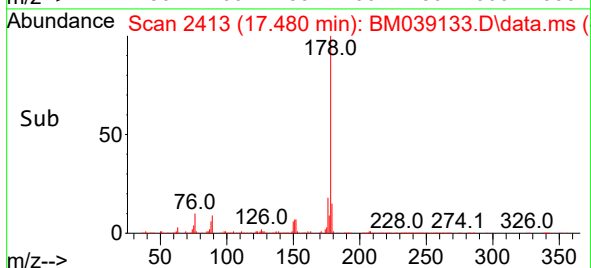
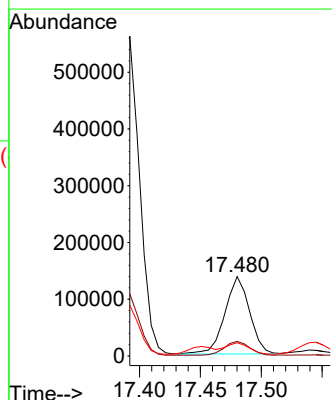
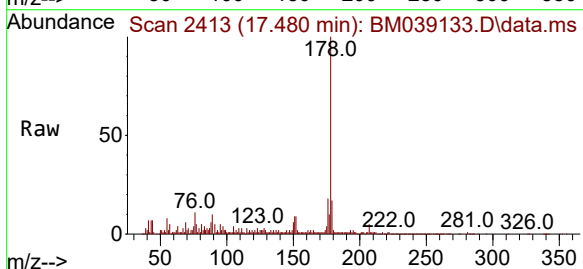
Tgt Ion:178 Resp: 192169

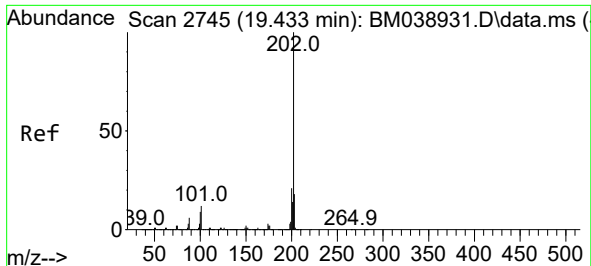
Ion Ratio Lower Upper

178 100

176 18.3 15.3 22.9

179 16.7 12.5 18.7

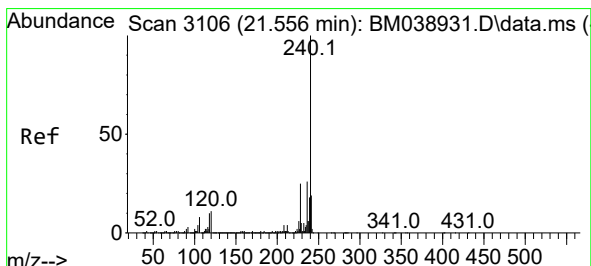
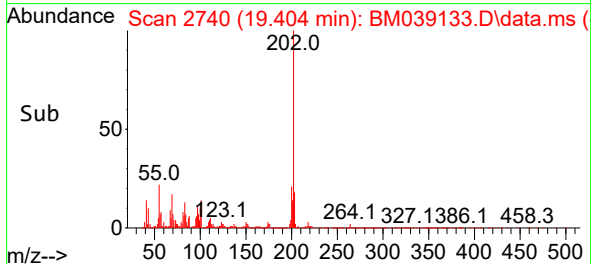
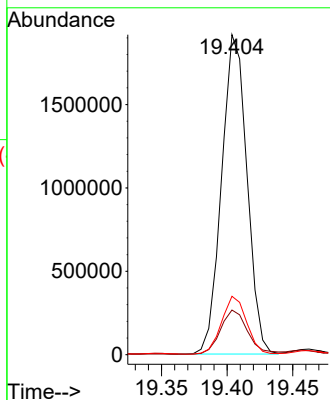
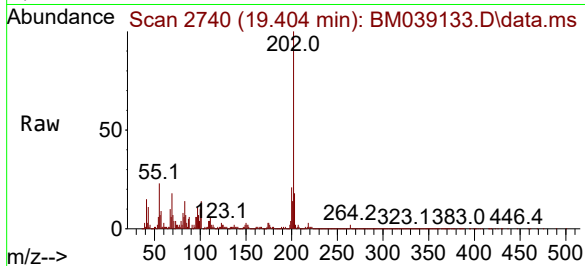




#75
Fluoranthene
Concen: 32.045 ng
RT: 19.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

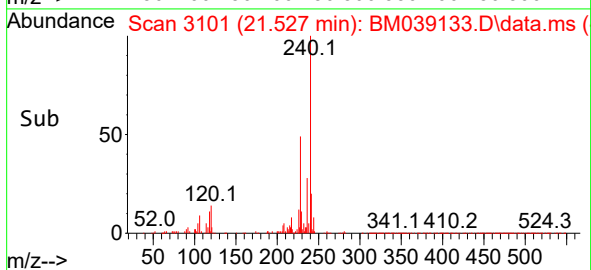
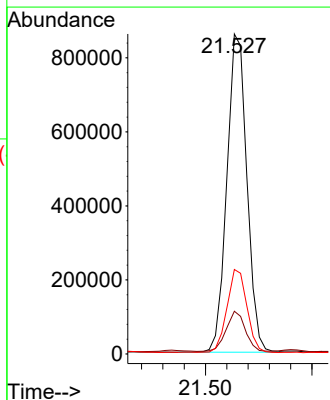
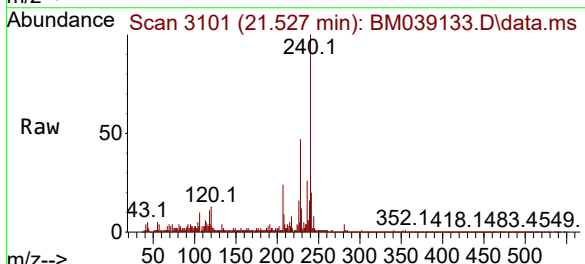
Instrument :
BNA_M
ClientSampleId :
S-2DL

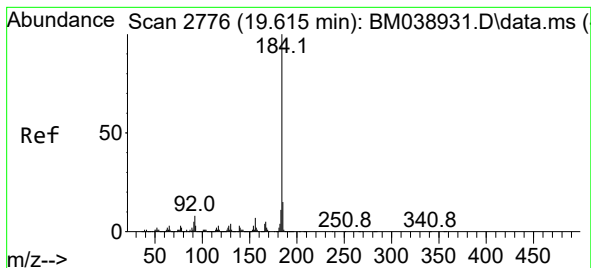
Tgt Ion:202 Resp: 2575385
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.7
203 18.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

Tgt Ion:240 Resp: 1120998
Ion Ratio Lower Upper
240 100
120 13.3 9.2 13.8
236 26.4 20.8 31.2





#77

Benzidine

Concen: 4.992 ng

RT: 19.551 min Scan# 21

Delta R.T. -0.041 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

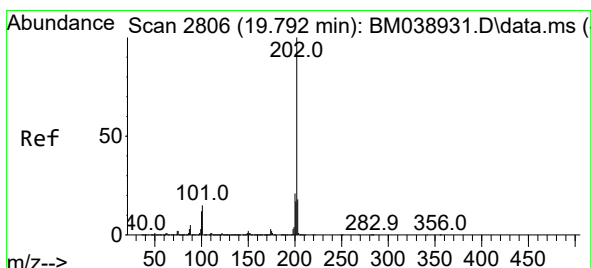
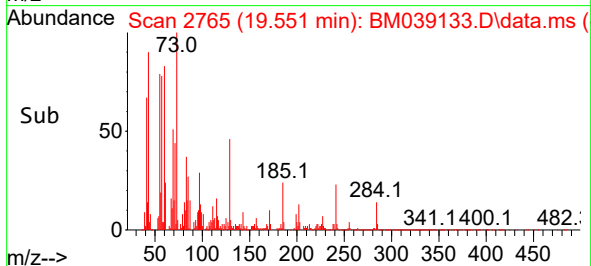
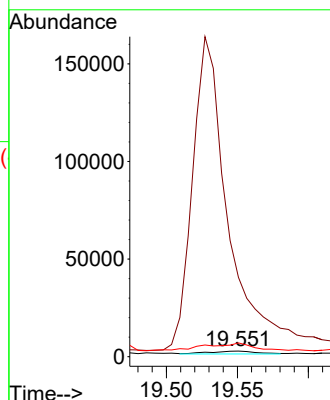
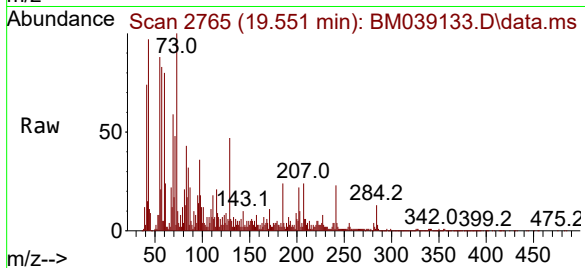
BNA_M

ClientSampleId :

S-2DL

Tgt Ion:184 Resp: 3304

Ion	Ratio	Lower	Upper
184	100		
185	1419.0	12.2	18.4#
183	247.7	8.8	13.2#



#78

Pyrene

Concen: 23.306 ng

RT: 19.768 min Scan# 2802

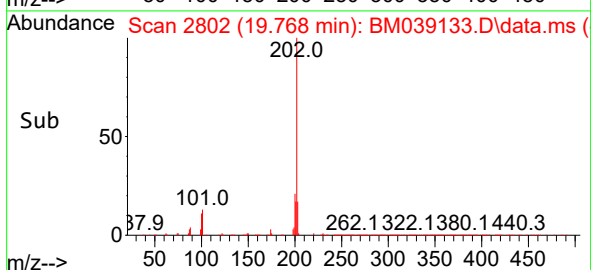
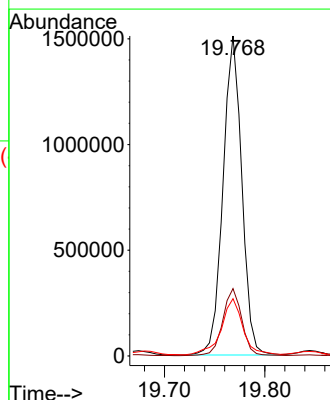
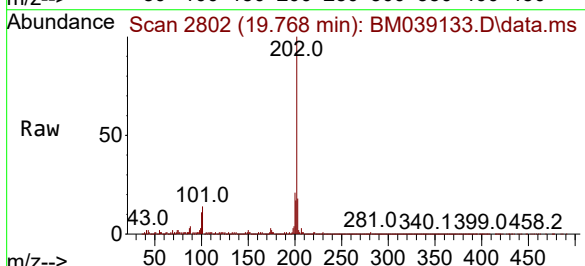
Delta R.T. 0.000 min

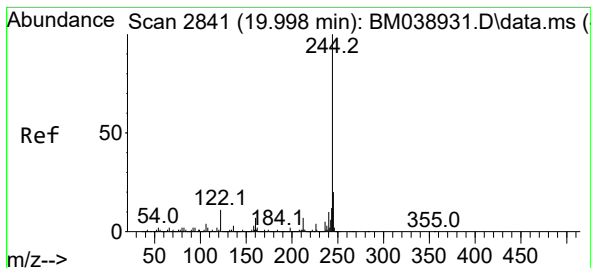
Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Tgt Ion:202 Resp: 1962298

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.9	14.1	21.1





#79

Terphenyl-d14

Concen: 10.626 ng

RT: 19.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

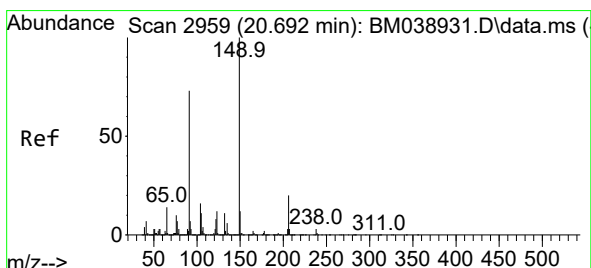
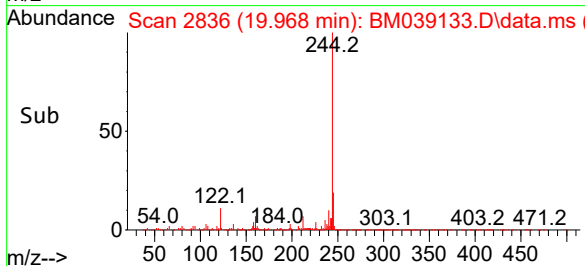
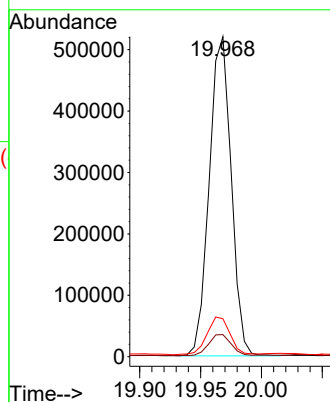
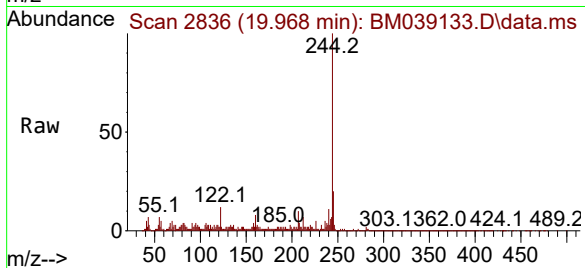
Tgt Ion:244 Resp: 651487

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.8 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.375 ng

RT: 20.656 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

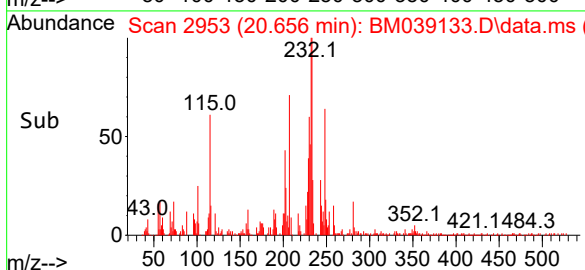
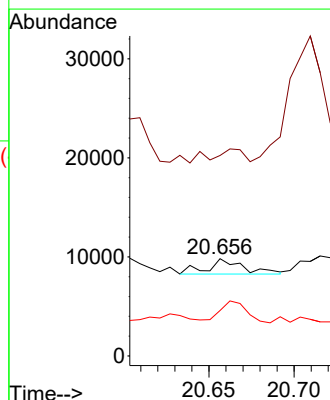
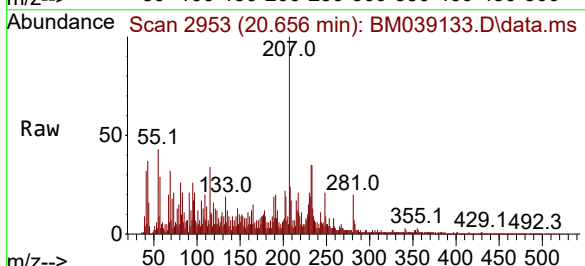
Tgt Ion:149 Resp: 2281

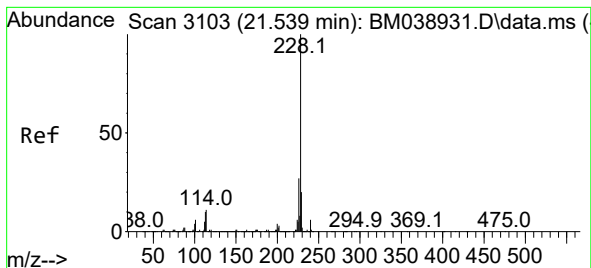
Ion Ratio Lower Upper

149 100

91 206.2 58.4 87.6#

206 46.8 16.1 24.1#





#81

Benzo(a)anthracene

Concen: 21.525 ng

RT: 21.515 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

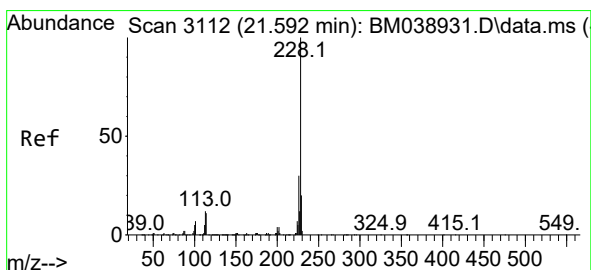
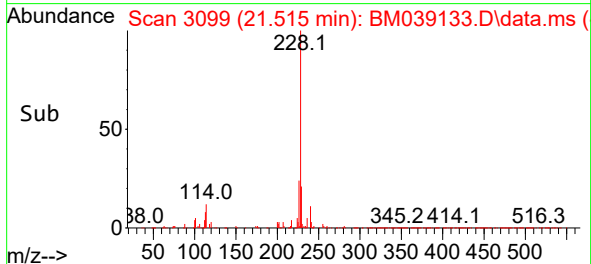
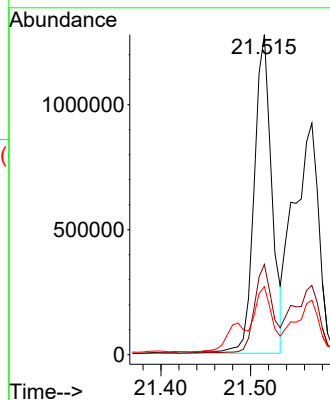
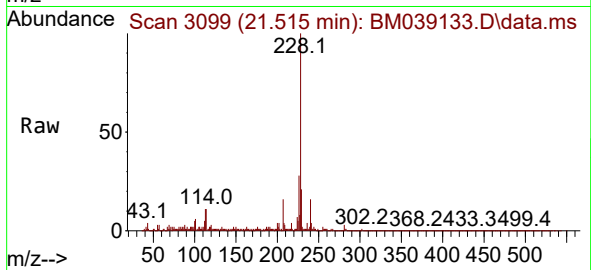
Tgt Ion:228 Resp: 1737720

Ion Ratio Lower Upper

228 100

226 28.2 21.4 32.2

229 21.3 15.7 23.5



#83

Chrysene

Concen: 22.851 ng

RT: 21.568 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

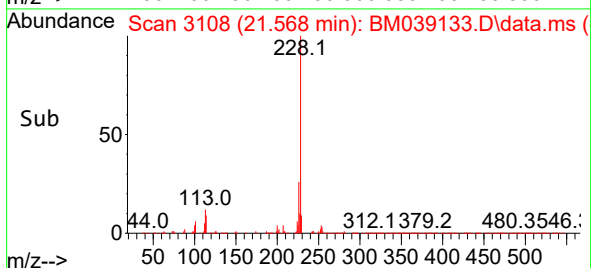
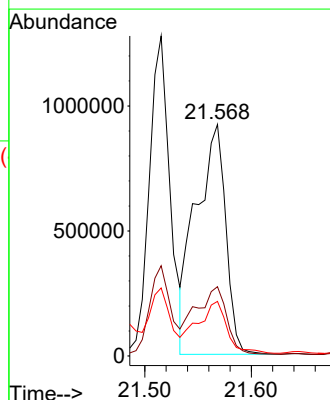
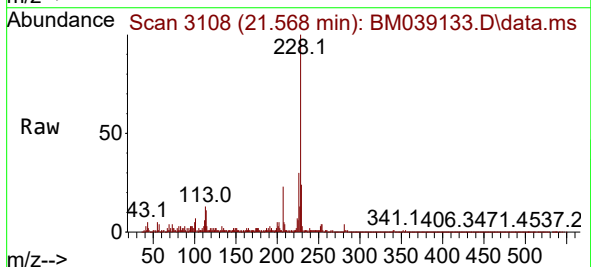
Tgt Ion:228 Resp: 1794124

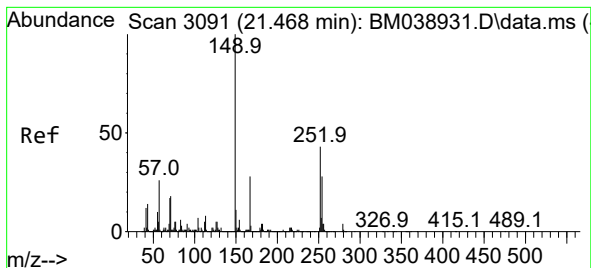
Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 23.6 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.104 ng

RT: 21.433 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

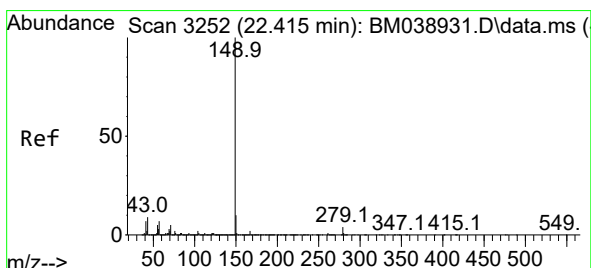
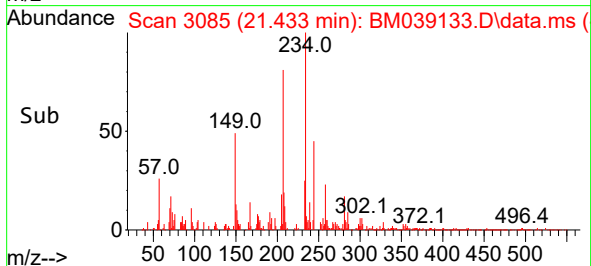
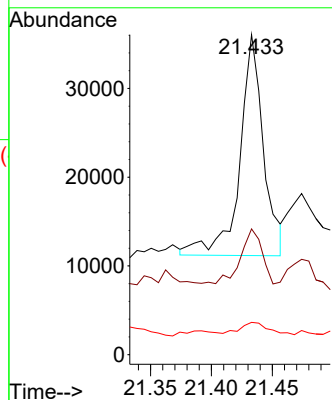
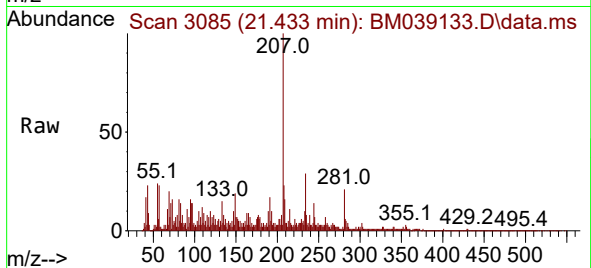
Tgt Ion:149 Resp: 33798

Ion Ratio Lower Upper

149 100

167 39.3 22.3 33.5#

279 10.1 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 3.830 ng

RT: 22.368 min Scan# 3244

Delta R.T. -0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

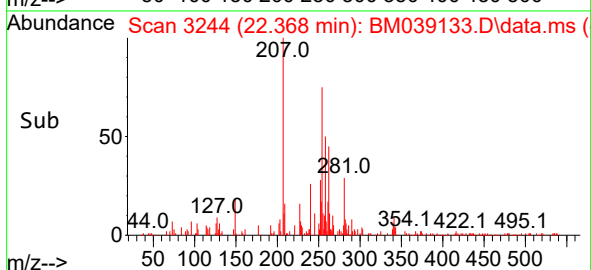
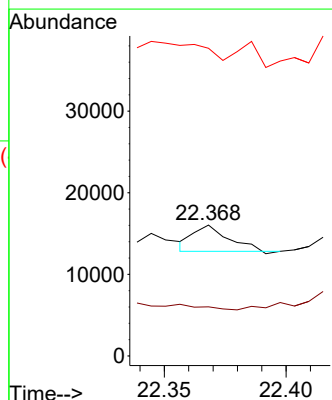
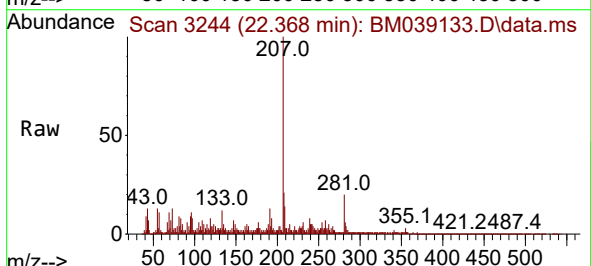
Tgt Ion:149 Resp: 3167

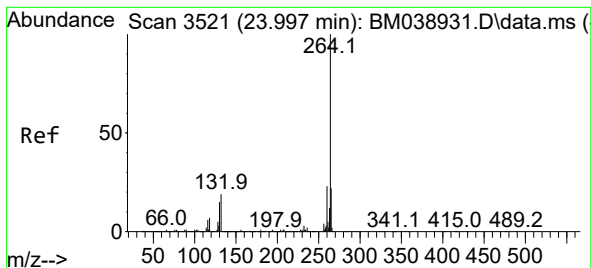
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.968 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

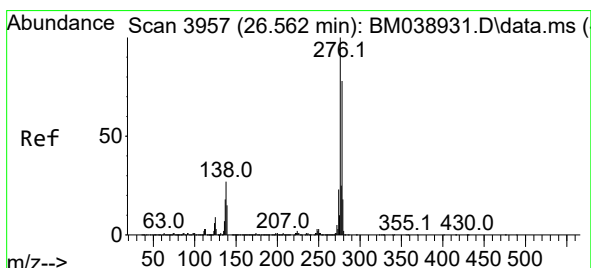
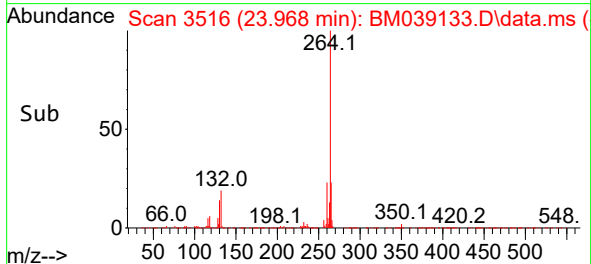
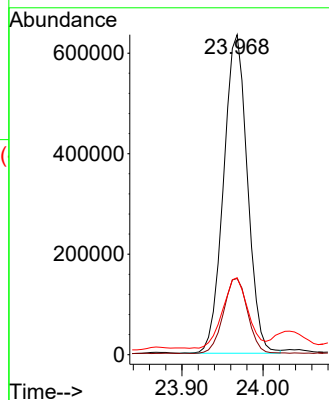
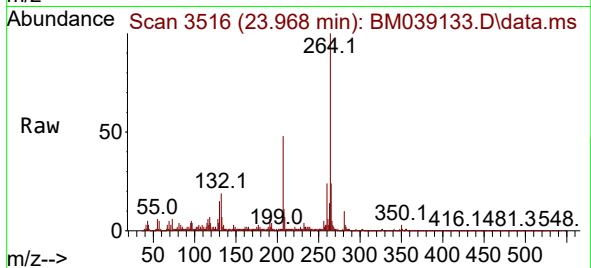
Tgt Ion:264 Resp: 1295496

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 24.1 17.9 26.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 12.631 ng

RT: 26.503 min Scan# 3947

Delta R.T. 0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

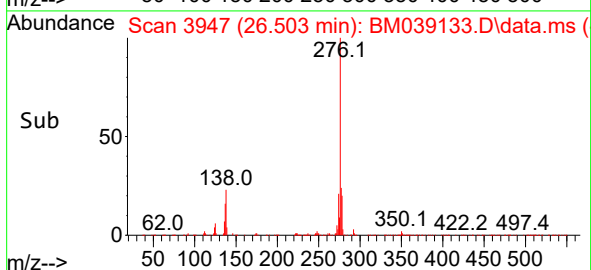
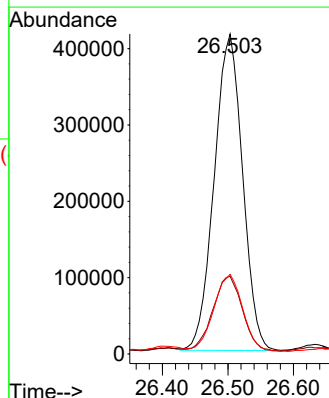
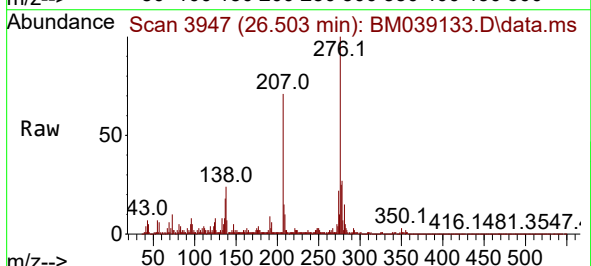
Tgt Ion:276 Resp: 1245134

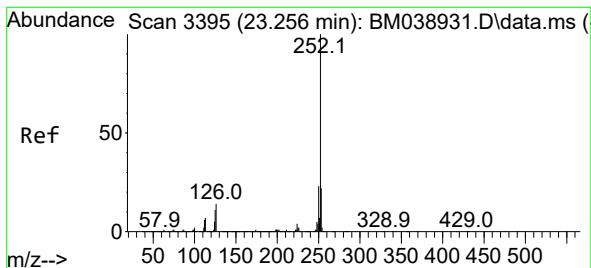
Ion Ratio Lower Upper

276 100

138 24.5 22.1 33.1

277 24.7 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 41.413 ng

RT: 23.227 min Scan# 3390

Delta R.T. 0.006 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

Instrument :

BNA_M

ClientSampleId :

S-2DL

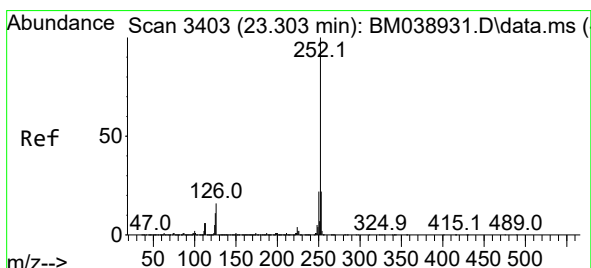
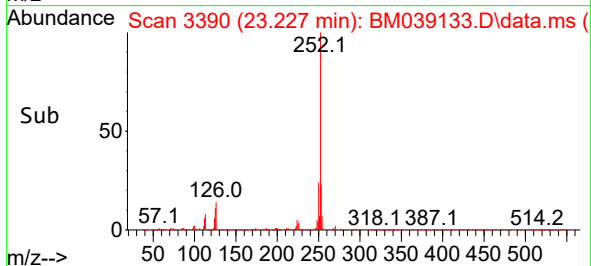
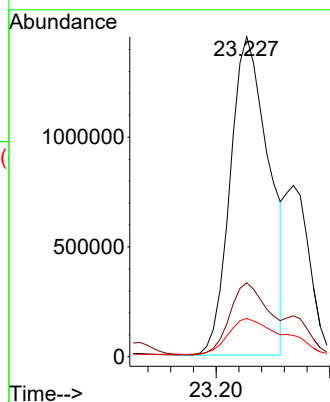
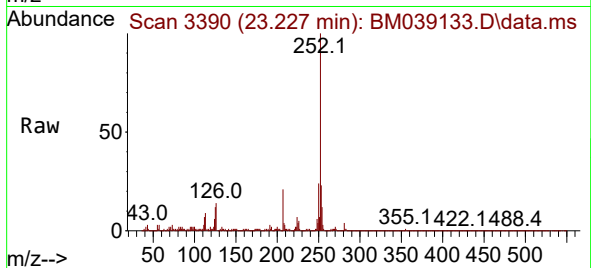
Tgt Ion:252 Resp: 3427549

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 12.0 8.8 13.2



#89

Benzo(k)fluoranthene

Concen: 39.793 ng

RT: 23.227 min Scan# 3390

Delta R.T. -0.041 min

Lab File: BM039133.D

Acq: 24 Mar 2023 01:44

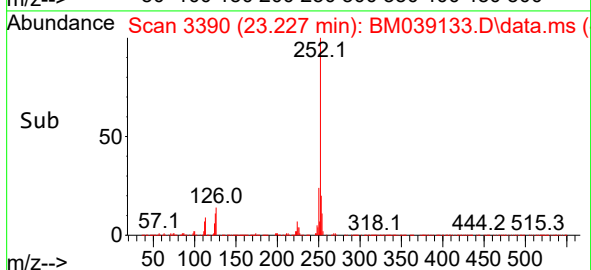
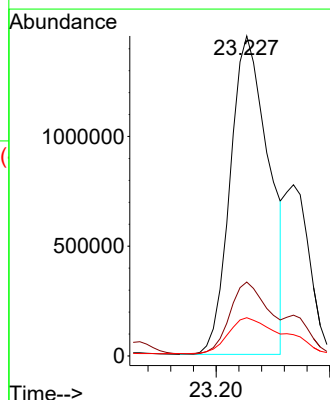
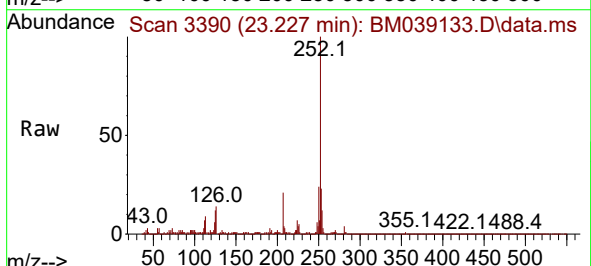
Tgt Ion:252 Resp: 3427549

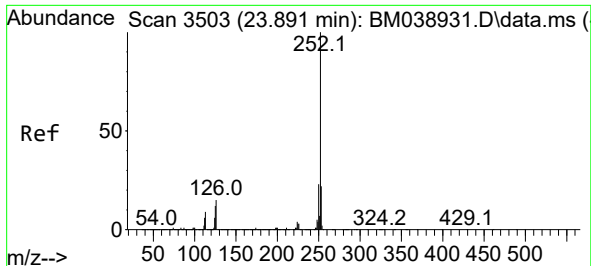
Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 12.0 8.9 13.3

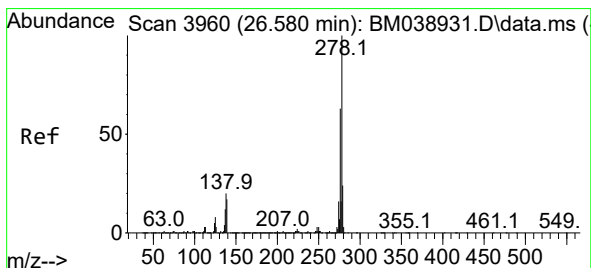
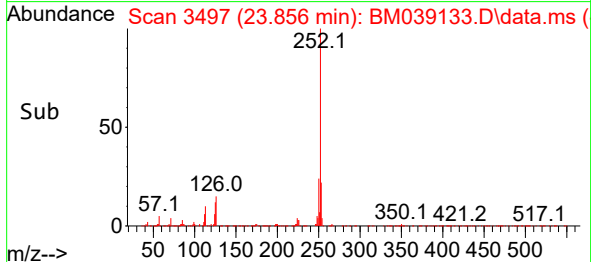
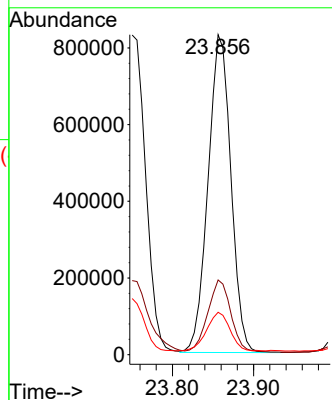
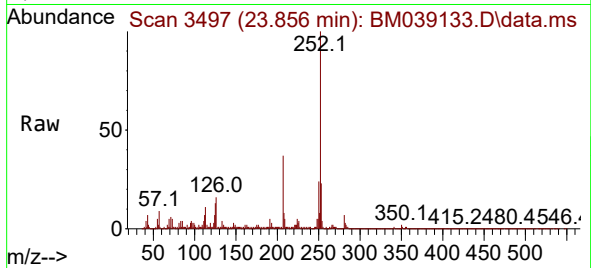




#90
Benzo(a)pyrene
Concen: 20.357 ng
RT: 23.856 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

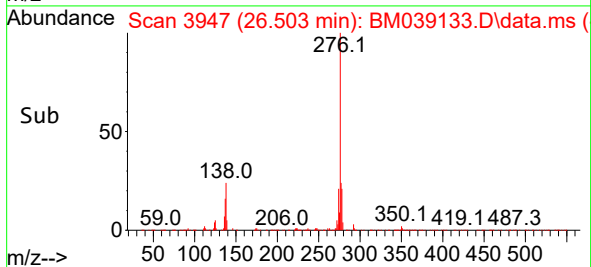
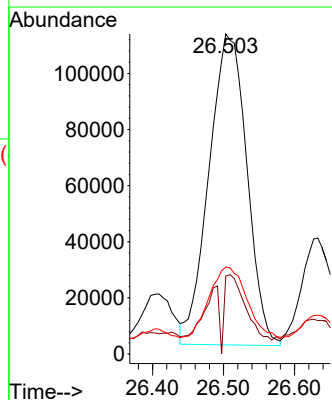
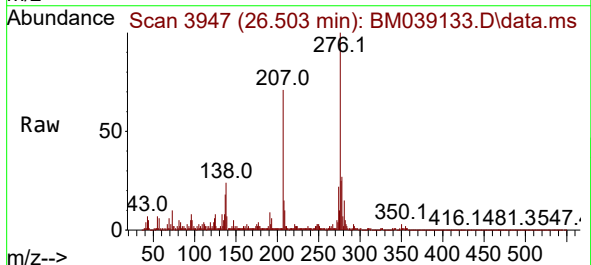
Instrument :
BNA_M
ClientSampleId :
S-2DL

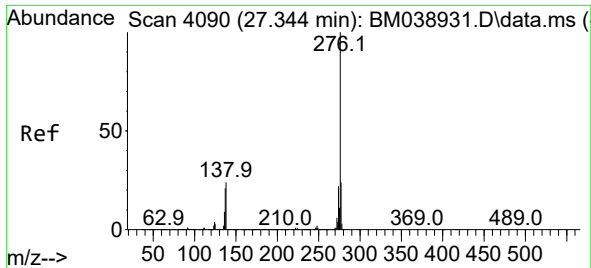
Tgt Ion:252 Resp: 1621536
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 13.2 9.8 14.8



#91
Dibenzo(a,h)anthracene
Concen: 4.924 ng
RT: 26.503 min Scan# 3947
Delta R.T. -0.006 min
Lab File: BM039133.D
Acq: 24 Mar 2023 01:44

Tgt Ion:278 Resp: 411094
Ion Ratio Lower Upper
278 100
139 24.4 13.7 20.5#
279 27.1 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 13.935 ng
 RT: 27.285 min Scan# 40
 Delta R.T. 0.012 min
 Lab File: BM039133.D
 Acq: 24 Mar 2023 01:44

Instrument :
 BNA_M
 ClientSampleId :
 S-2DL

Tgt Ion:276 Resp: 1138198

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	24.2	19.0	28.6

