

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039221.D
 Acq On : 30 Mar 2023 10:34
 Operator : CG/JU
 Sample : 01950-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Quant Time: Mar 30 11:06:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	226630	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	908927	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	533057	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1102080	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1022228	20.000	ng	0.00
86) Perylene-d12	23.921	264	1164720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2057639	136.789	ng	0.00
7) Phenol-d6	7.093	99	2584428	132.833	ng	0.00
23) Nitrobenzene-d5	9.092	82	1619463	86.596	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	646839	95.592	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3414648	86.793	ng	0.00
79) Terphenyl-d14	19.939	244	5378770	97.215	ng	0.00
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	7.810	146	2433617	149.047	ng	99
13) 1,4-Dichlorobenzene	7.957	146	644689	39.049	ng	98
14) 1,2-Dichlorobenzene	8.275	146	323007	20.460	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	2289512	114.116	ng	99
18) Hexachloroethane	9.004	117	395909	61.993	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	898420	72.236	ng	99
25) Isophorone	9.657	82	1395891	40.010	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	1025383	68.758	ng	99
34) Hexachlorobutadiene	11.069	225	698588	79.666	ng	99
47) 2-Chloronaphthalene	13.445	162	2556165	80.200	ng	99
49) Acenaphthylene	14.298	152	6670896	127.346	ng	98
50) Dimethylphthalate	14.033	163	4308092	104.868	ng	99
51) 2,6-Dinitrotoluene	14.157	165	1320833	149.512	ng	98
52) Acenaphthene	14.633	154	850675	27.502	ng	99
55) Dibenzofuran	14.969	168	3523762	70.760	ng	99
57) 2,4-Dinitrotoluene	14.939	165	585164	48.965	ng	96
58) Fluorene	15.621	166	2494798	63.266	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	1760466	90.082	ng	98
62) 4-Nitroaniline	15.651	138	1359763	129.743	ng	99
66) n-Nitrosodiphenylamine	15.827	169	2484792	71.549	ng	100
67) 4-Bromophenyl-phenylether	16.510	248	1694102	143.939	ng	97
68) Hexachlorobenzene	16.621	284	958944	75.143	ng	98
71) Phenanthrene	17.363	178	7860635	130.231	ng	99
72) Anthracene	17.457	178	6598481	107.211	ng	99
73) Carbazole	17.727	167	5242418	91.155	ng	100
74) Di-n-butylphthalate	18.286	149	5635658	79.218	ng	100
75) Fluoranthene	19.374	202	4594707	66.779	ng	99
78) Pyrene	19.739	202	5958367	81.877	ng	99
83) Chrysene	21.545	228	6877332	98.816	ng	98
84) Bis(2-ethylhexyl)phtha...	21.409	149	7000297	142.171	ng	98
85) Di-n-octyl phthalate	22.345	149	10795280	121.690	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	1796809	20.938	ng	# 70
89) Benzo(k)fluoranthene	23.233	252	7407309	102.040	ng	99
90) Benzo(a)pyrene	23.827	252	11483201	164.022	ng	99
91) Dibenzo(a,h)anthracene	26.462	278	7614767	105.674	ng	99

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QLast Update : Thu Mar 30 05:15:45 2023
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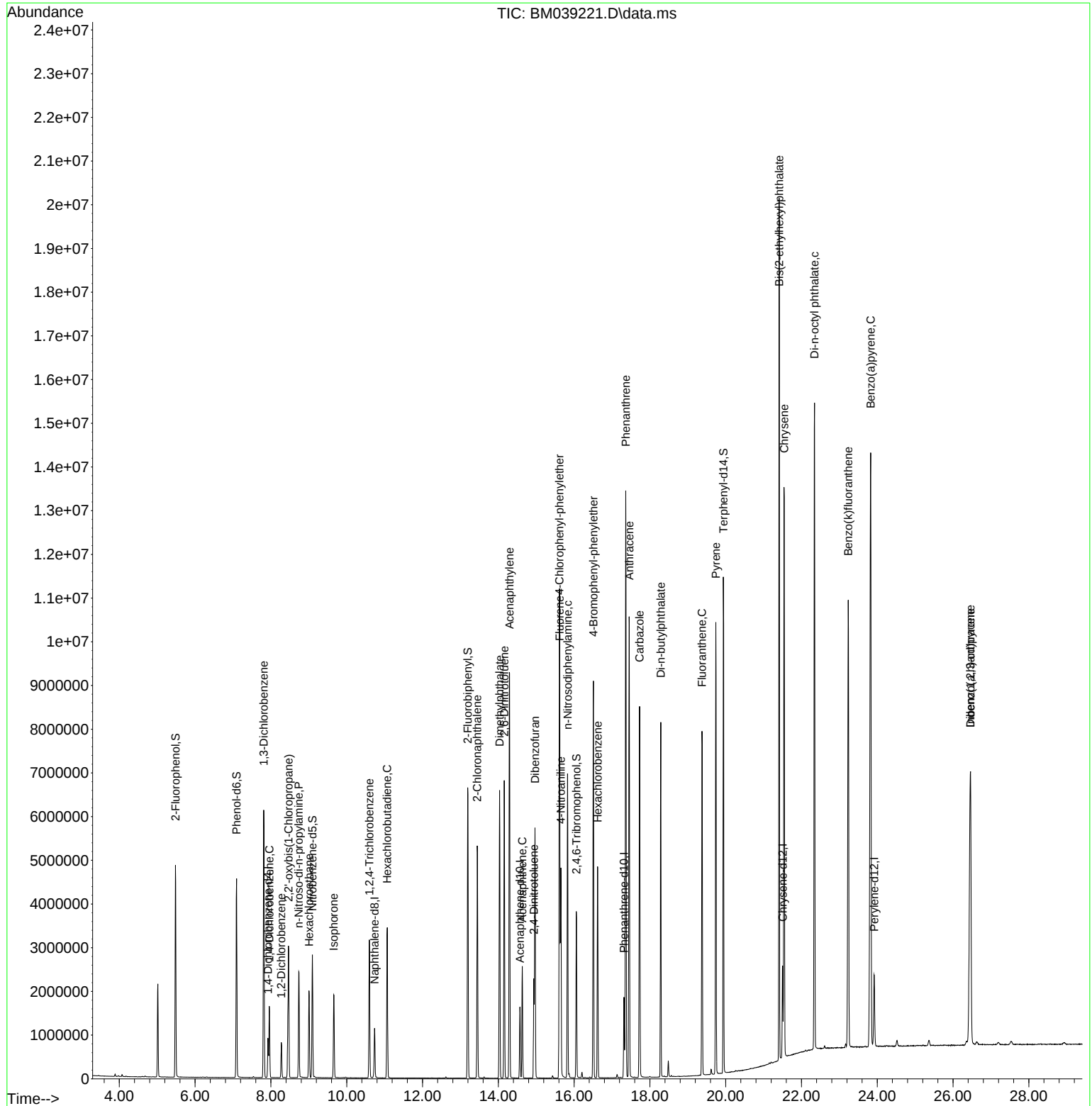
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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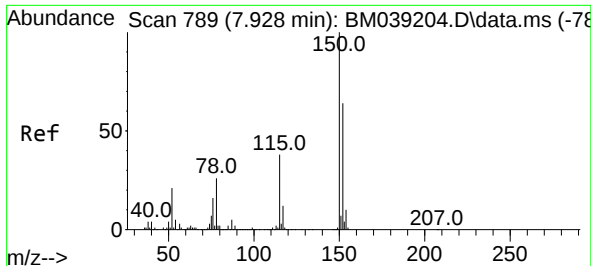
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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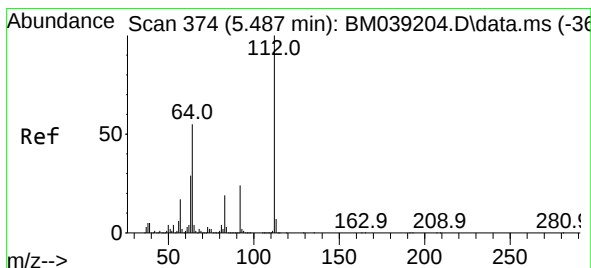
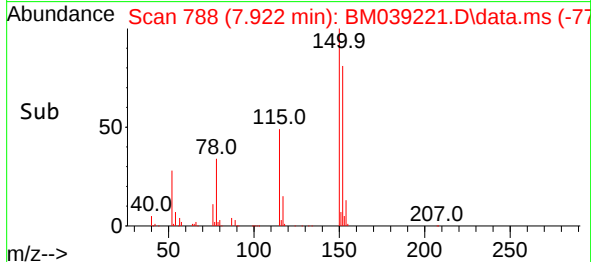
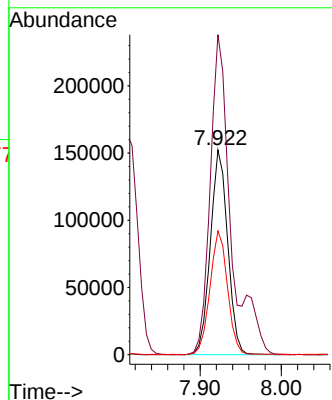
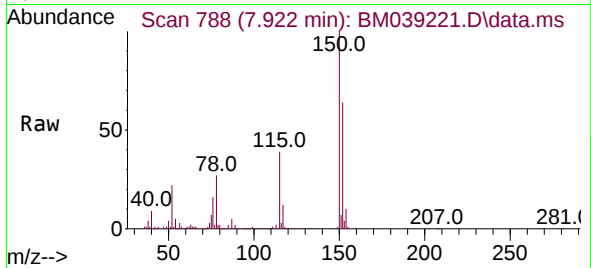




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: BM039221.D
 Acq: 30 Mar 2023 10:34

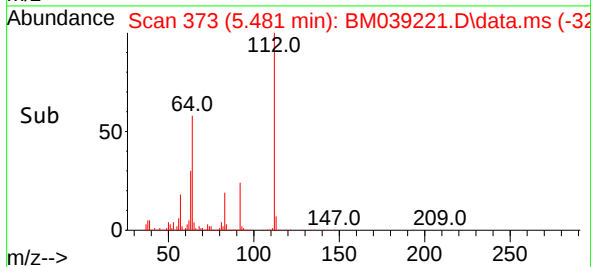
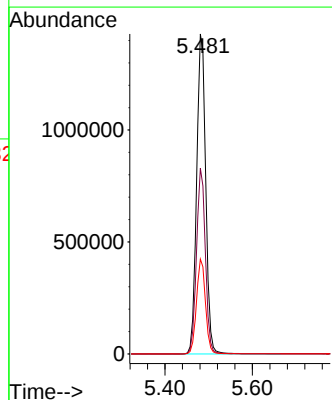
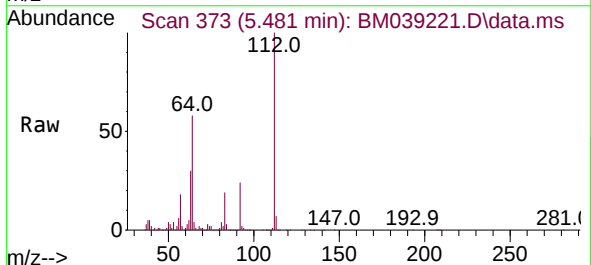
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

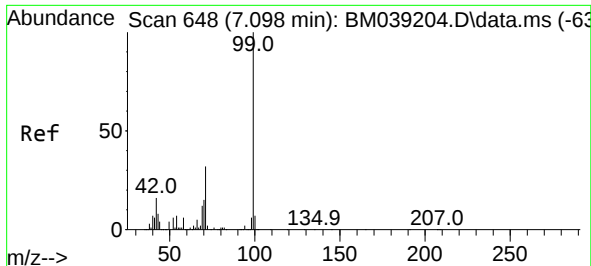
Tgt Ion:152 Resp: 226630
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.5 188.3
 115 60.4 48.1 72.1



#5
 2-Fluorophenol
 Concen: 136.789 ng
 RT: 5.481 min Scan# 373
 Delta R.T. -0.006 min
 Lab File: BM039221.D
 Acq: 30 Mar 2023 10:34

Tgt Ion:112 Resp: 2057639
 Ion Ratio Lower Upper
 112 100
 64 58.0 44.3 66.5
 63 29.6 23.0 34.6

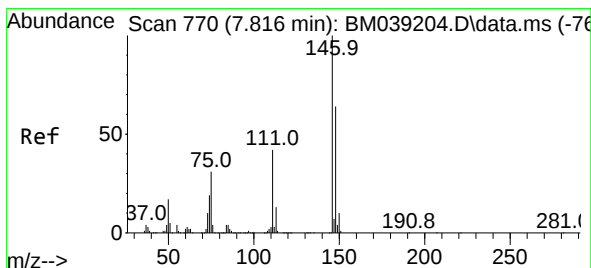
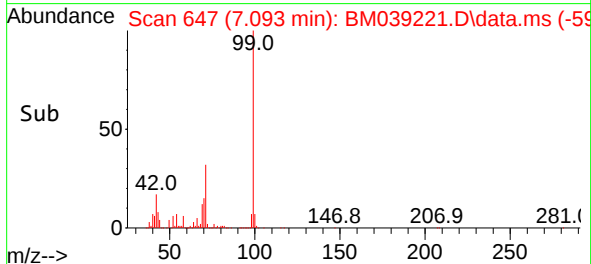
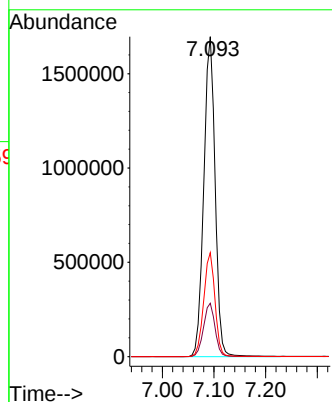
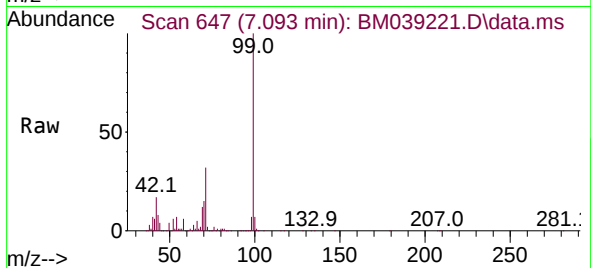




#7
Phenol-d6
Concen: 132.833 ng
RT: 7.093 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

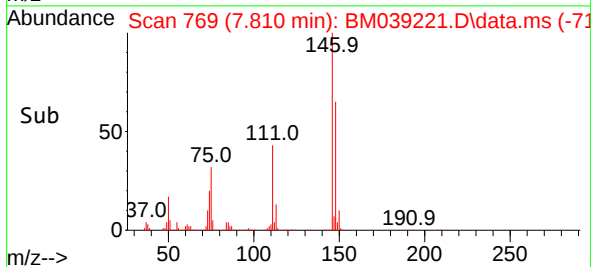
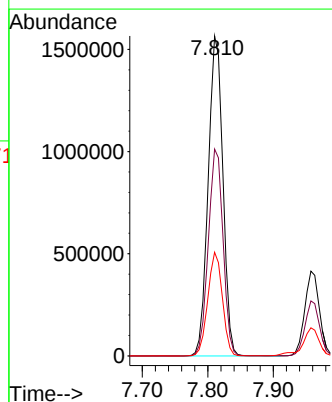
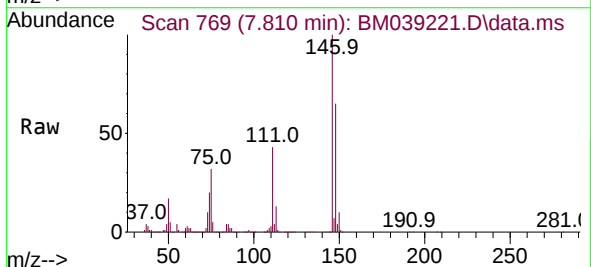
Instrument :
BNA_M
ClientSampleId :
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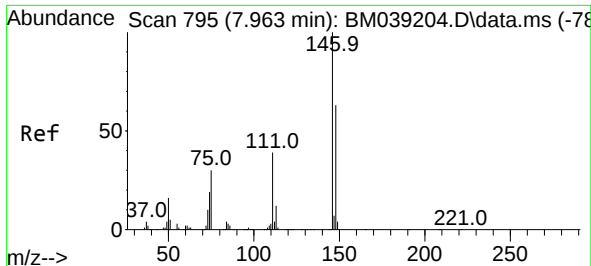
Tgt Ion: 99 Resp: 2584428
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.6
71 32.5 25.5 38.3



#12
1,3-Dichlorobenzene
Concen: 149.047 ng
RT: 7.810 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion:146 Resp: 2433617
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 32.4 25.2 37.8

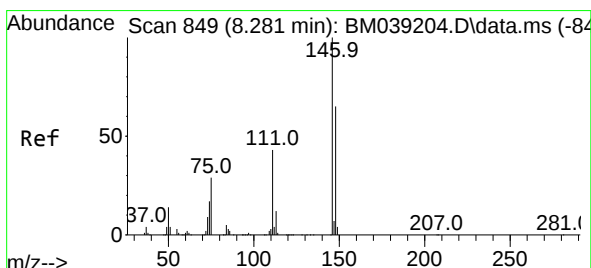
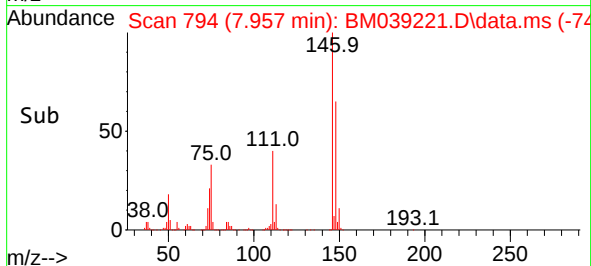
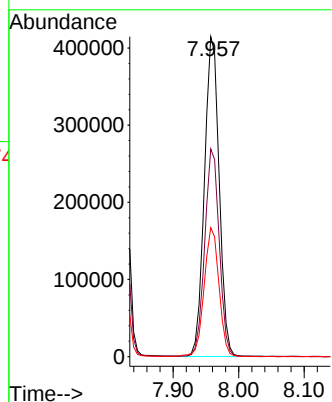
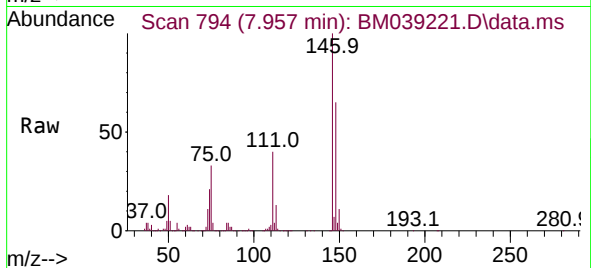




#13
1,4-Dichlorobenzene
Concen: 39.049 ng
RT: 7.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

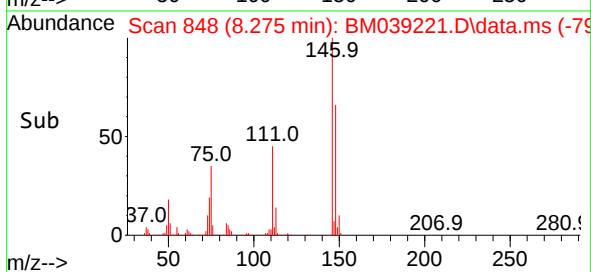
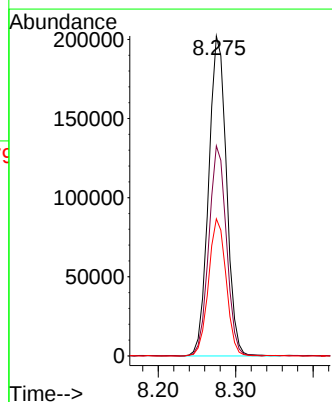
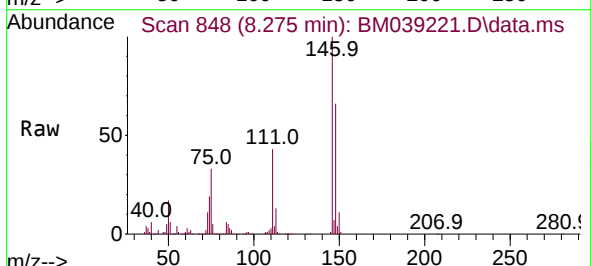
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

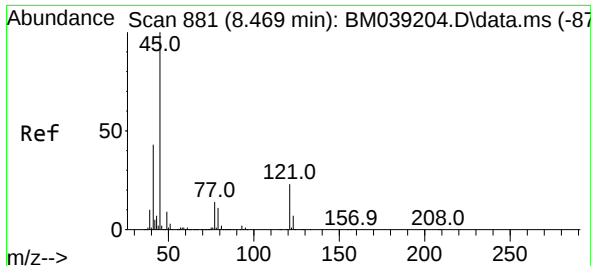
Tgt Ion:146 Resp: 644689
Ion Ratio Lower Upper
146 100
148 64.9 50.8 76.2
111 40.3 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 20.460 ng
RT: 8.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion:146 Resp: 323007
Ion Ratio Lower Upper
146 100
148 65.6 52.1 78.1
111 42.8 34.5 51.7

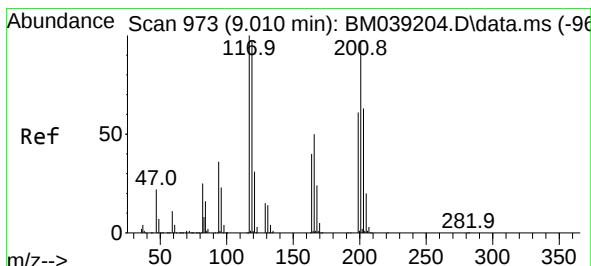
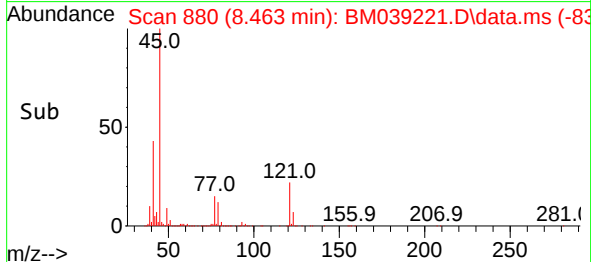
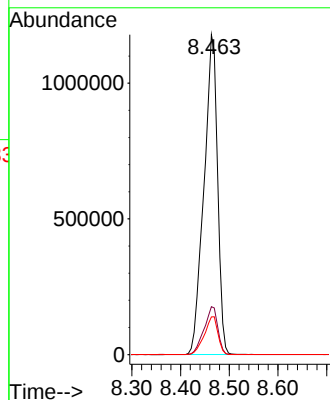
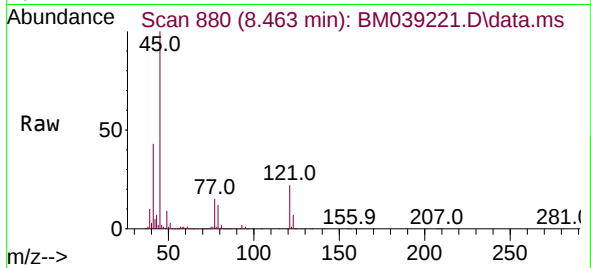




#16
2,2'-oxybis(1-Chloropropane)
Concen: 114.116 ng
RT: 8.463 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

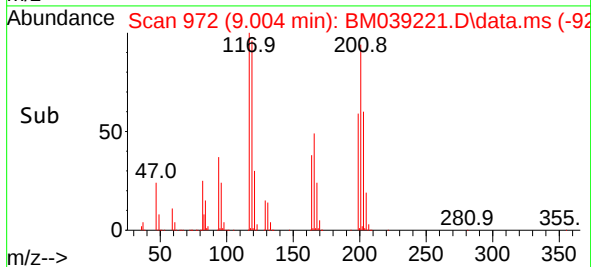
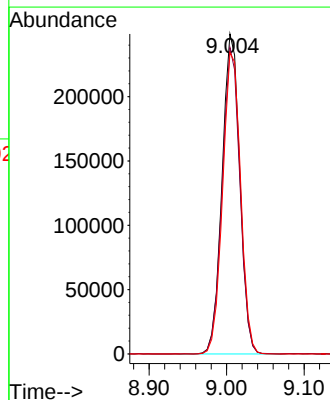
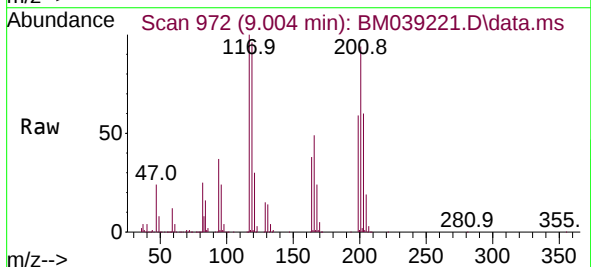
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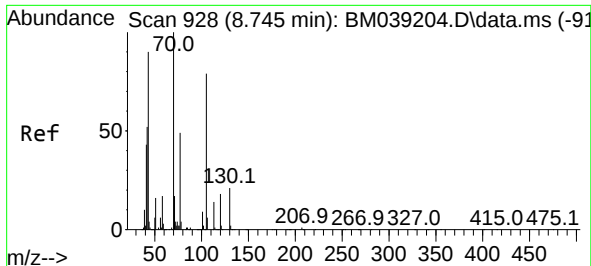
Tgt Ion: 45 Resp: 2289512
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.1
79 11.8 0.0 32.2



#18
Hexachloroethane
Concen: 61.993 ng
RT: 9.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion: 117 Resp: 395909
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.8
201 94.1 77.3 115.9





#19

n-Nitroso-di-n-propylamine

Concen: 72.236 ng

RT: 8.734 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

Tgt Ion: 70 Resp: 898420

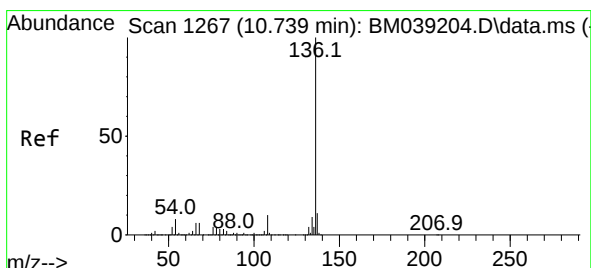
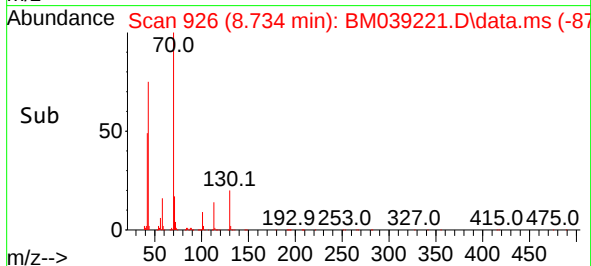
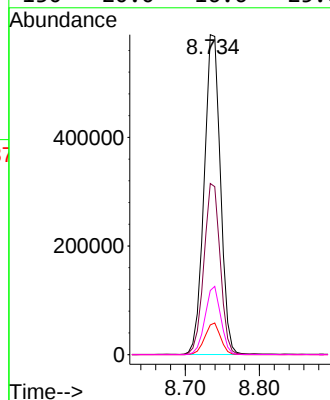
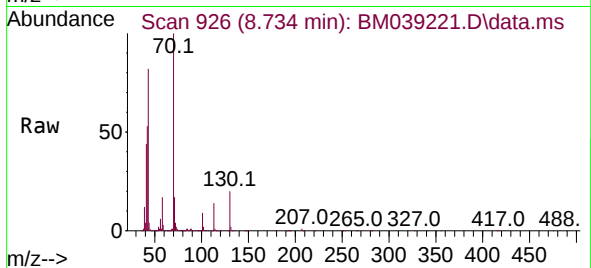
Ion Ratio Lower Upper

70 100

42 53.5 42.2 63.2

101 9.3 7.6 11.4

130 20.0 16.6 25.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.734 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Tgt Ion:136 Resp: 908927

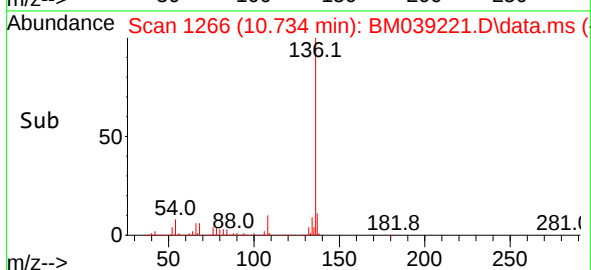
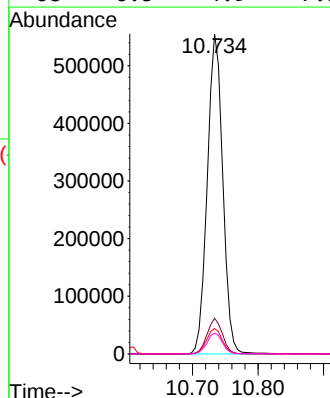
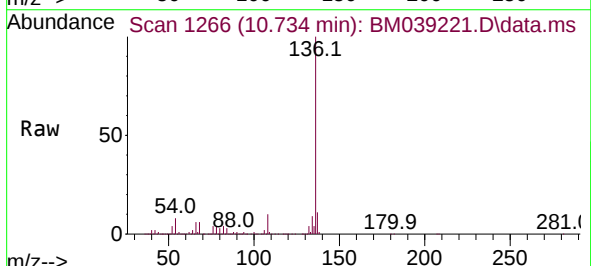
Ion Ratio Lower Upper

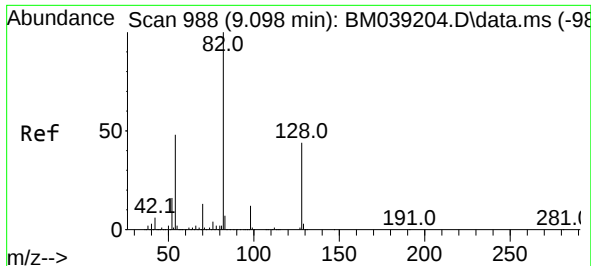
136 100

137 11.1 8.9 13.3

54 7.9 6.2 9.4

68 6.5 4.9 7.3

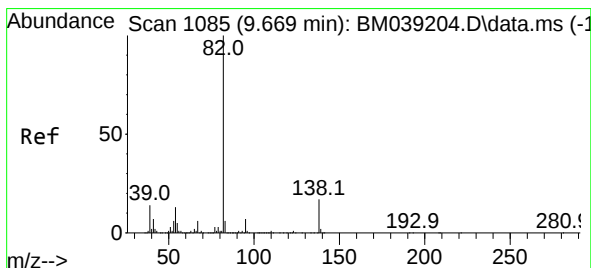
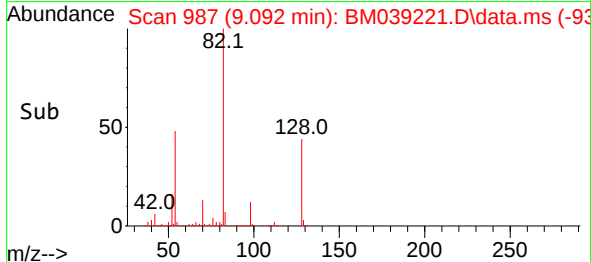
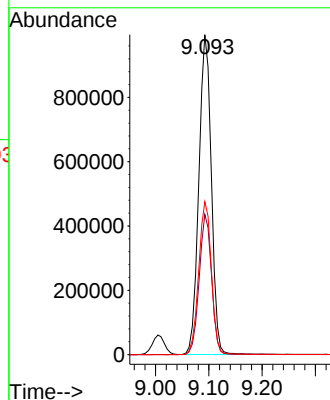
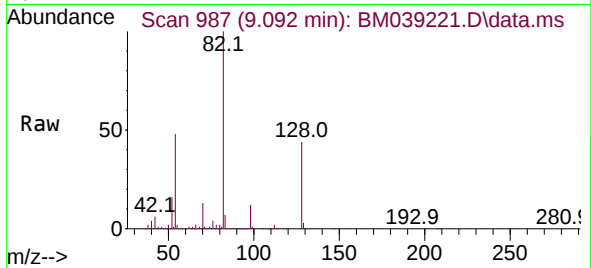




#23
Nitrobenzene-d5
Concen: 86.596 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

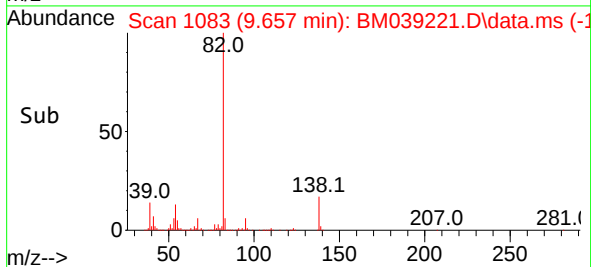
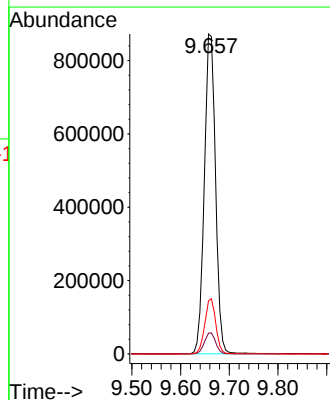
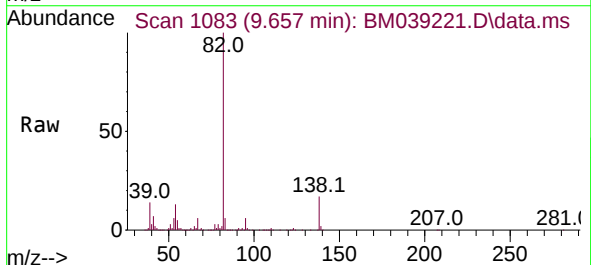
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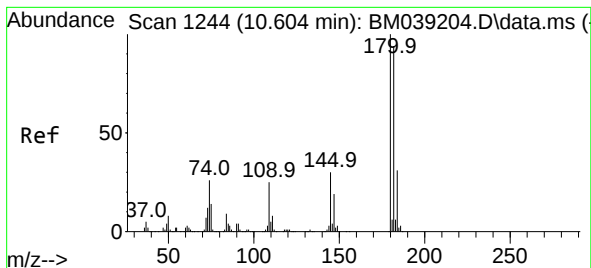
Tgt Ion: 82 Resp: 1619463
Ion Ratio Lower Upper
82 100
128 43.8 35.1 52.7
54 47.8 38.5 57.7



#25
Isophorone
Concen: 40.010 ng
RT: 9.657 min Scan# 1083
Delta R.T. -0.012 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion: 82 Resp: 1395891
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.6 13.5 20.3





#30

1,2,4-Trichlorobenzene

Concen: 68.758 ng

RT: 10.598 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

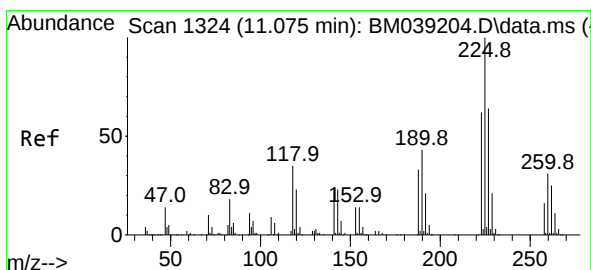
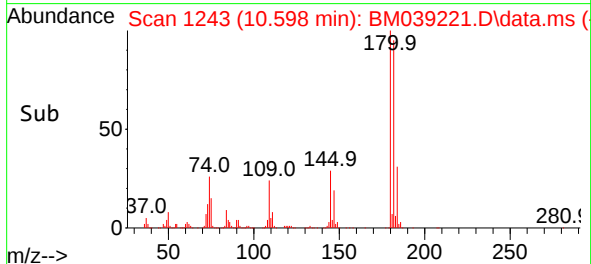
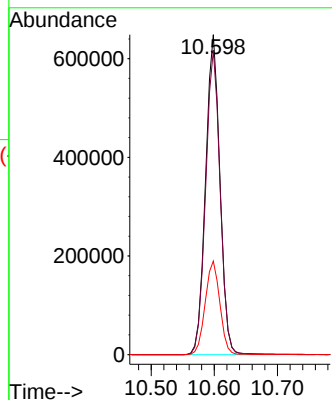
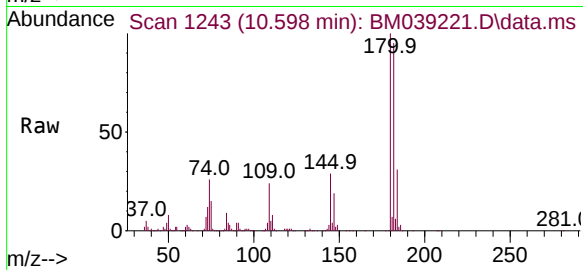
Tgt Ion:180 Resp: 1025383

Ion Ratio Lower Upper

180 100

182 95.1 75.2 112.8

145 29.2 23.9 35.9



#34

Hexachlorobutadiene

Concen: 79.666 ng

RT: 11.069 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

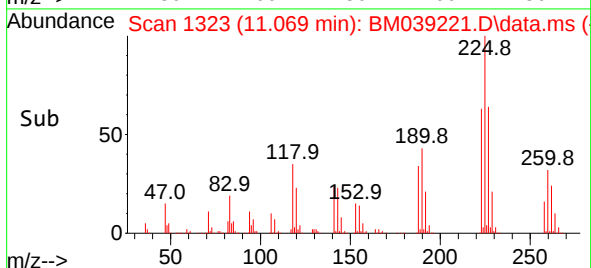
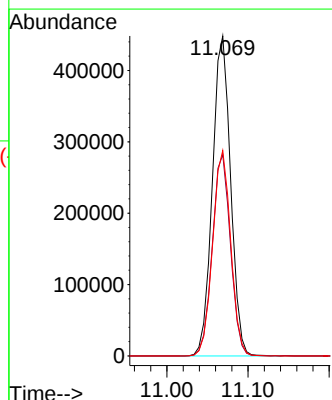
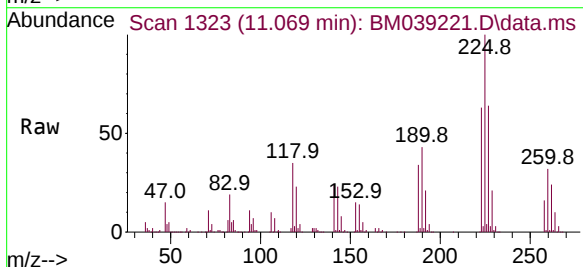
Tgt Ion:225 Resp: 698588

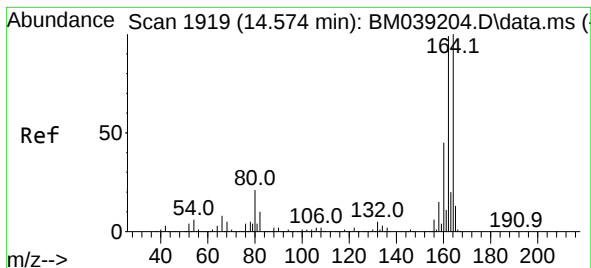
Ion Ratio Lower Upper

225 100

223 62.9 49.8 74.6

227 64.2 51.6 77.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1919

Delta R.T. -0.005 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

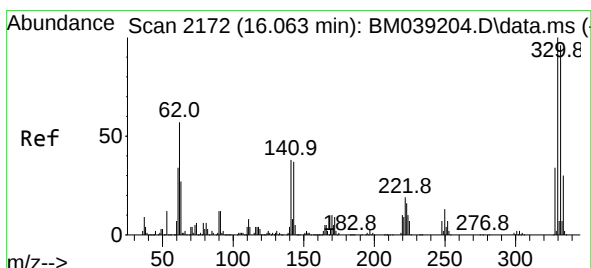
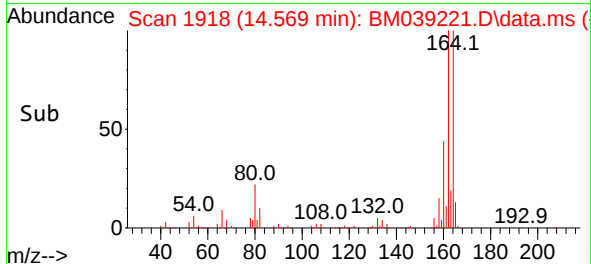
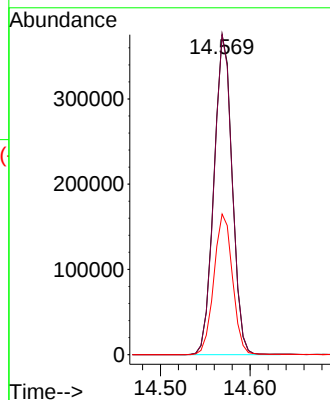
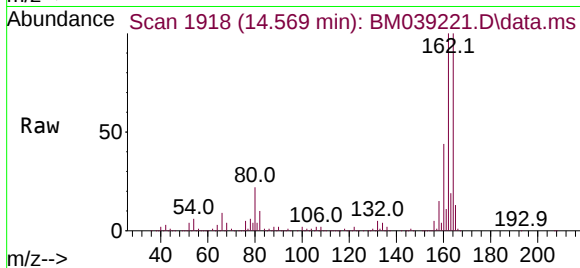
Tgt Ion:164 Resp: 533057

Ion Ratio Lower Upper

164 100

162 100.0 79.1 118.7

160 43.9 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 95.592 ng

RT: 16.063 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

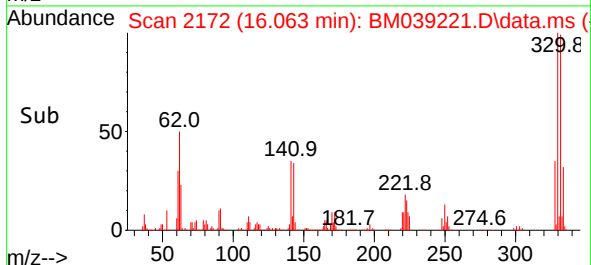
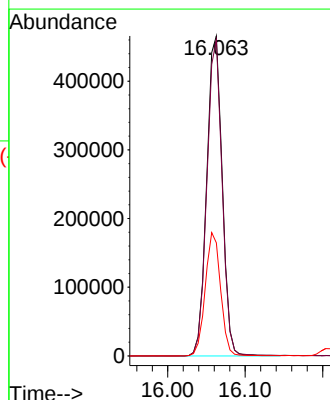
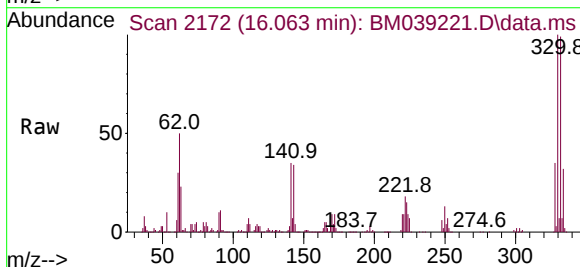
Tgt Ion:330 Resp: 646839

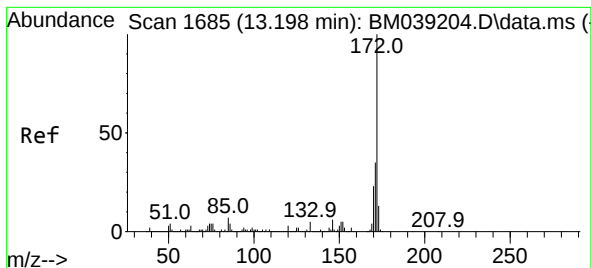
Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

141 38.3 29.8 44.6





#45

2-Fluorobiphenyl

Concen: 86.793 ng

RT: 13.192 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

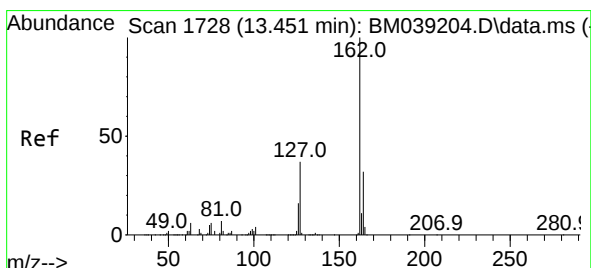
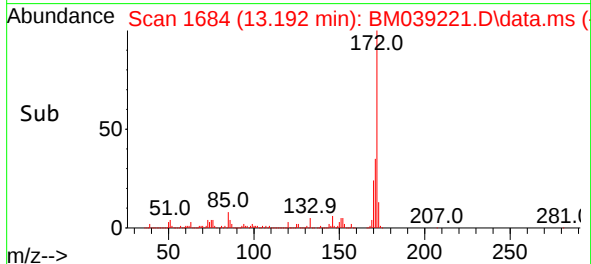
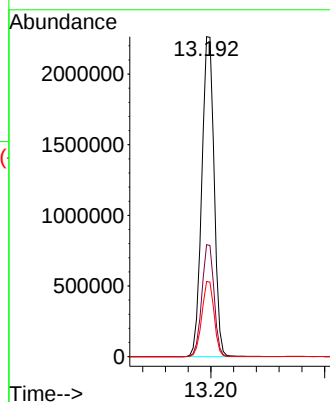
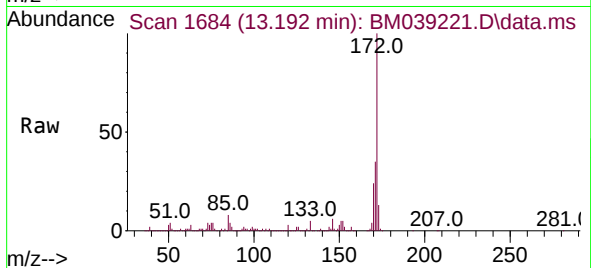
Tgt Ion:172 Resp: 3414648

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.5 18.7 28.1



#47

2-Chloronaphthalene

Concen: 80.200 ng

RT: 13.445 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

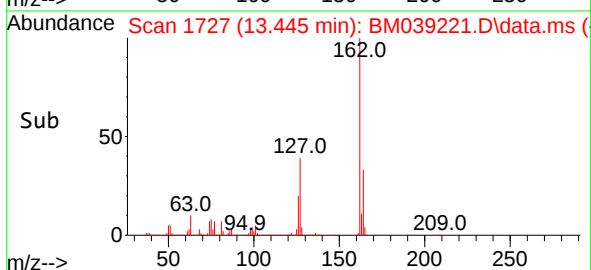
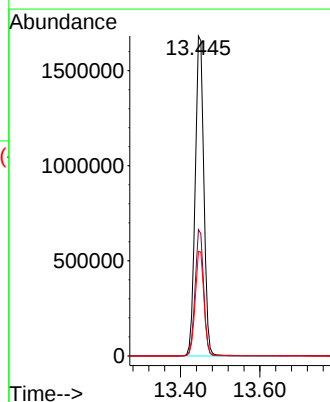
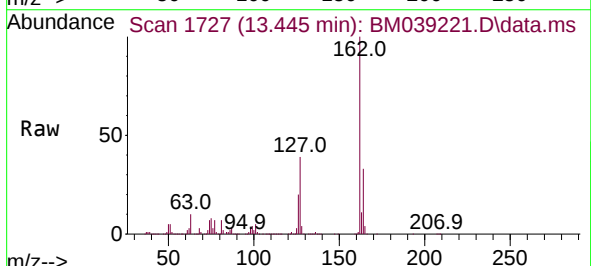
Tgt Ion:162 Resp: 2556165

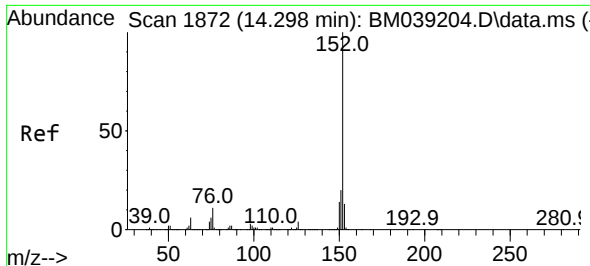
Ion Ratio Lower Upper

162 100

127 39.5 31.4 47.0

164 32.7 25.7 38.5

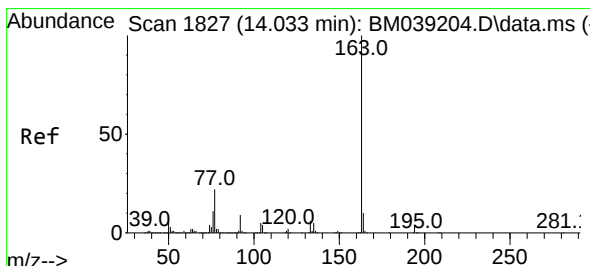
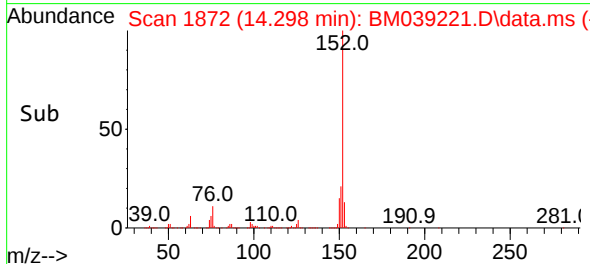
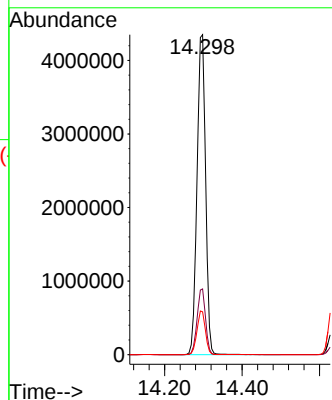
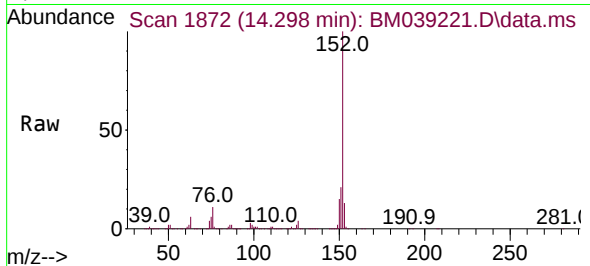




#49
Acenaphthylene
Concen: 127.346 ng
RT: 14.298 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

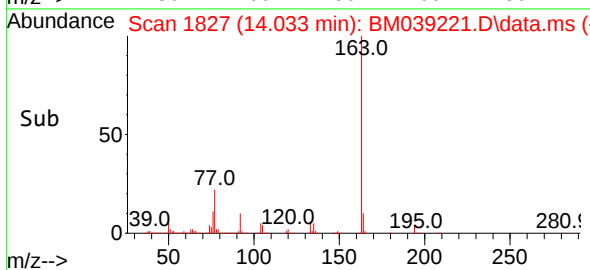
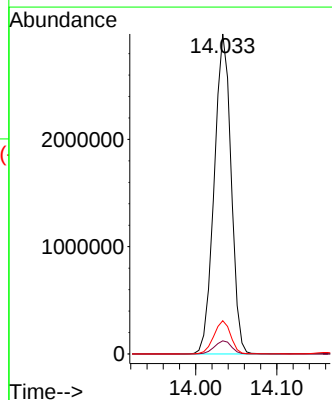
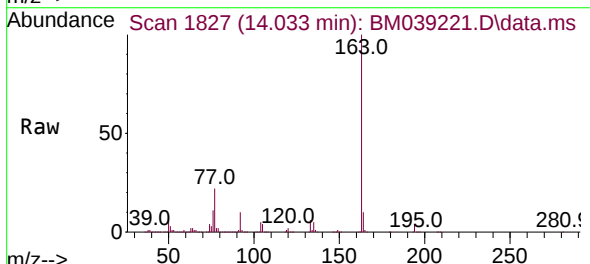
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

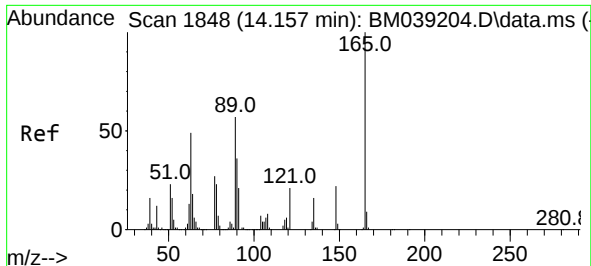
Tgt Ion:152 Resp: 6670896
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 13.4 10.3 15.5



#50
Dimethylphthalate
Concen: 104.868 ng
RT: 14.033 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion:163 Resp: 4308092
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 149.512 ng

RT: 14.157 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

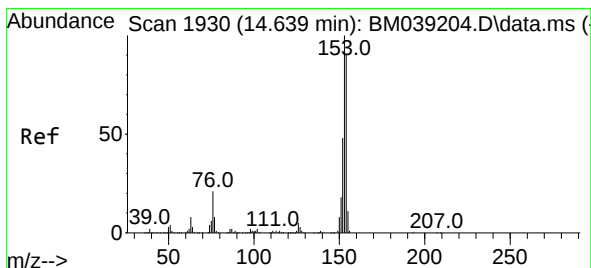
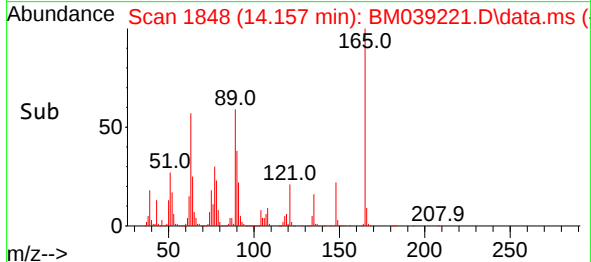
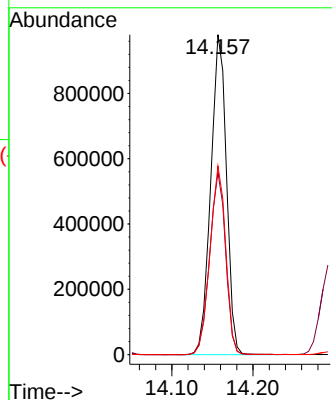
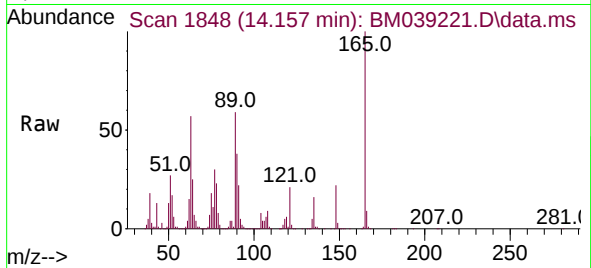
Tgt Ion:165 Resp: 1320833

Ion Ratio Lower Upper

165 100

63 56.9 44.9 67.3

89 58.9 45.4 68.0



#52

Acenaphthene

Concen: 27.502 ng

RT: 14.633 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

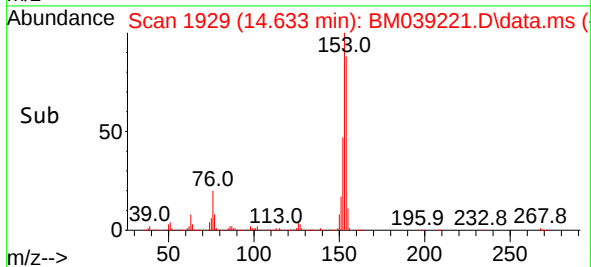
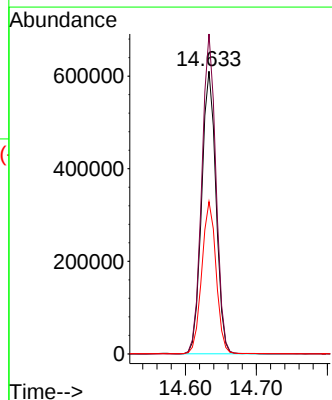
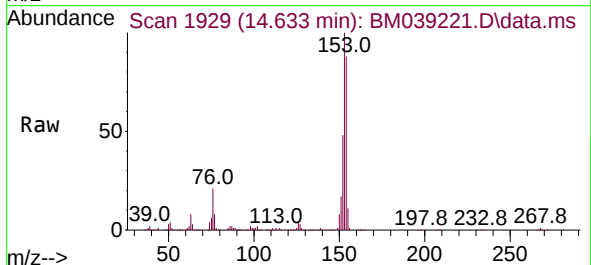
Tgt Ion:154 Resp: 850675

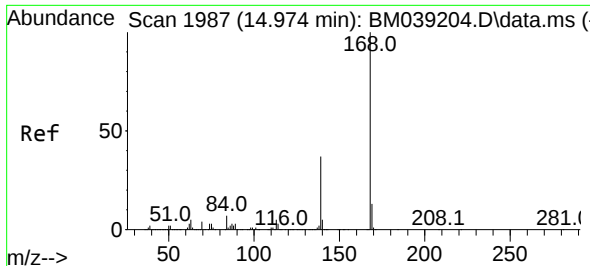
Ion Ratio Lower Upper

154 100

153 113.2 89.1 133.7

152 53.8 42.6 64.0

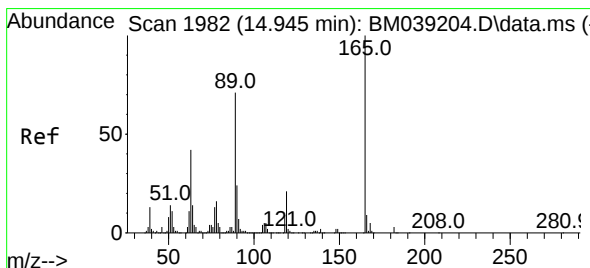
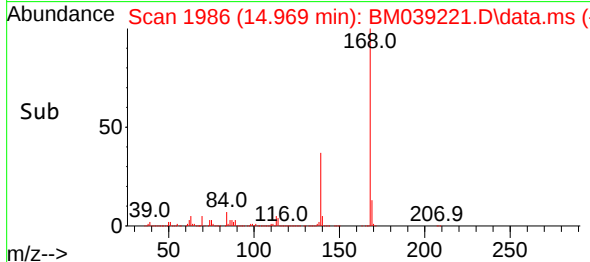
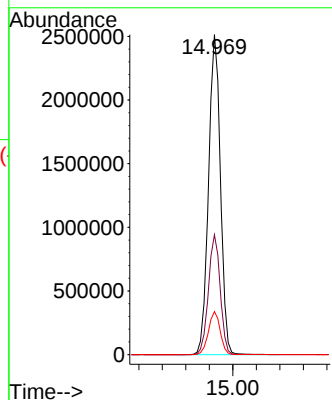
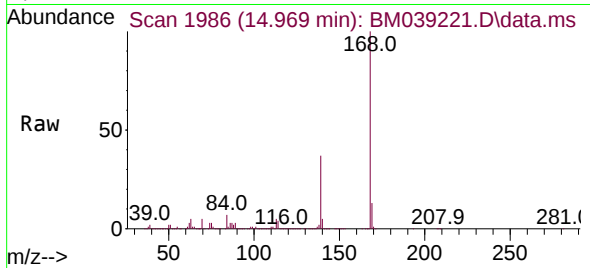




#55
Dibenzofuran
Concen: 70.760 ng
RT: 14.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

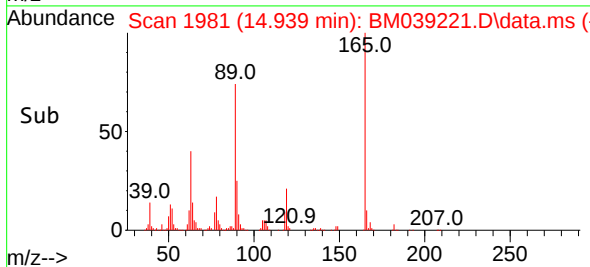
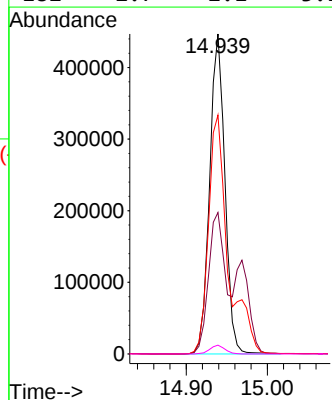
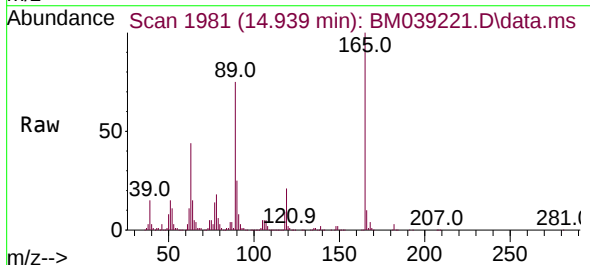
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

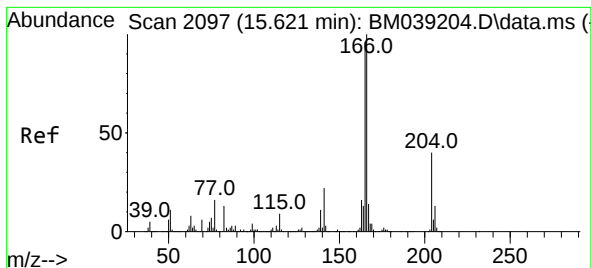
Tgt Ion:168 Resp: 3523762
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.2
169 13.4 10.6 15.8



#57
2,4-Dinitrotoluene
Concen: 48.965 ng
RT: 14.939 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion:165 Resp: 585164
Ion Ratio Lower Upper
165 100
63 44.2 33.5 50.3
89 74.6 56.7 85.1
182 2.7 2.1 3.1





#58

Fluorene

Concen: 63.266 ng

RT: 15.621 min Scan# 2097

Delta R.T. 0.000 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

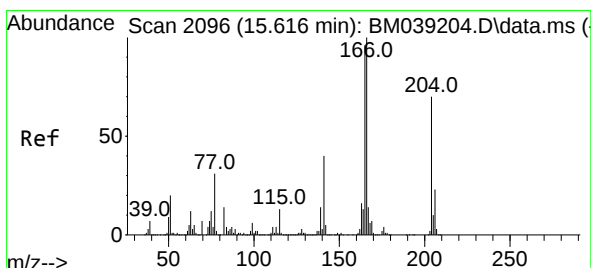
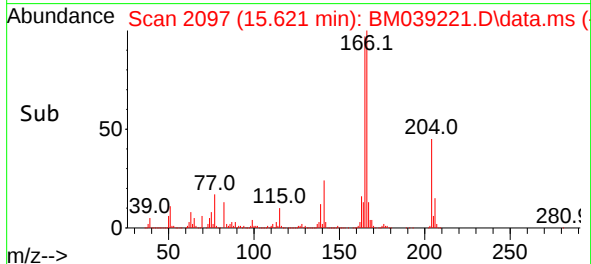
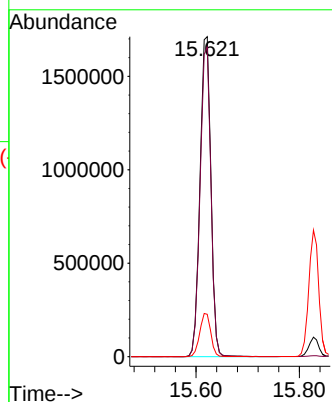
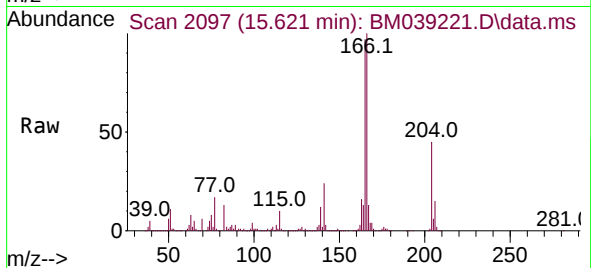
Tgt Ion:166 Resp: 2494798

Ion Ratio Lower Upper

166 100

165 96.7 76.9 115.3

167 13.2 10.8 16.2



#61

4-Chlorophenyl-phenylether

Concen: 90.082 ng

RT: 15.610 min Scan# 2095

Delta R.T. -0.006 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

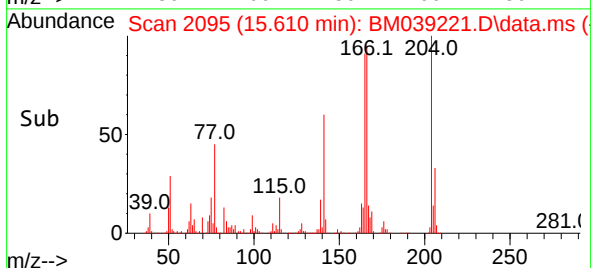
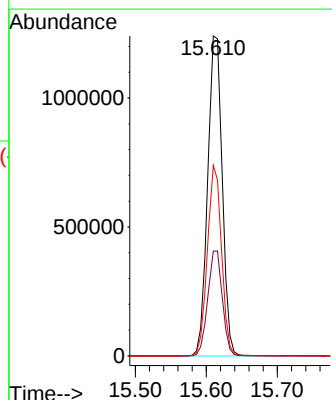
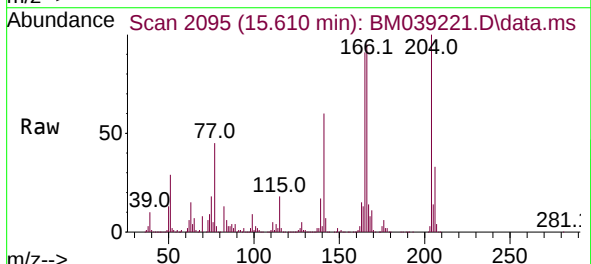
Tgt Ion:204 Resp: 1760466

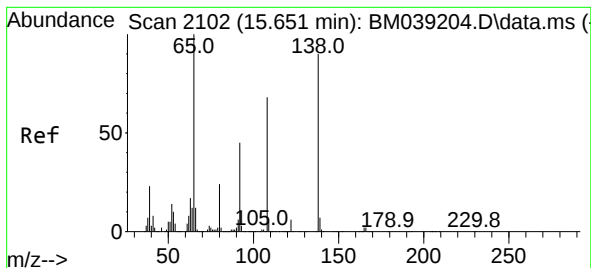
Ion Ratio Lower Upper

204 100

206 32.7 26.1 39.1

141 59.5 45.8 68.6

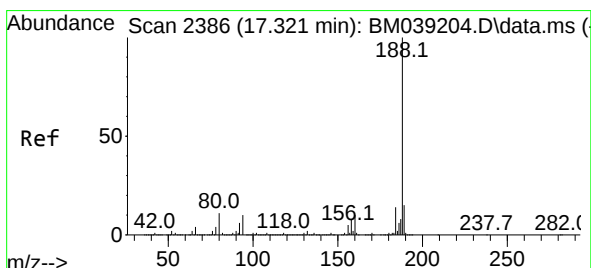
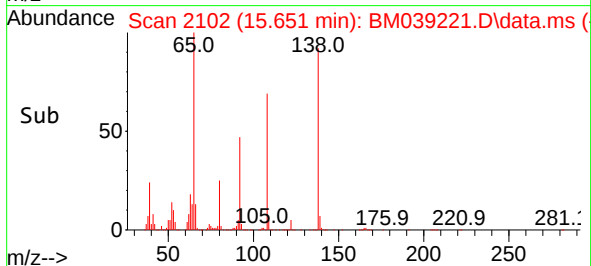
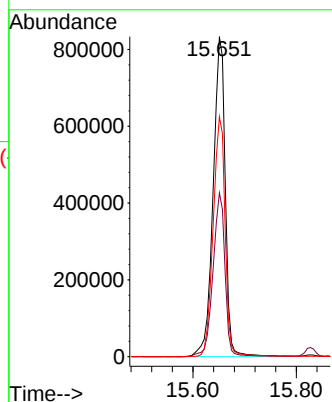
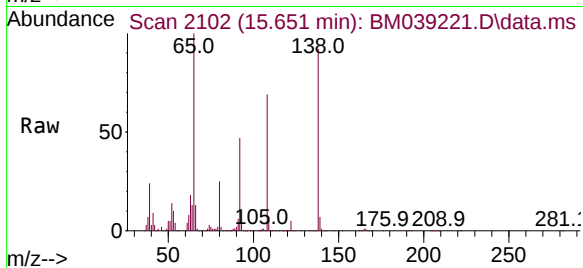




#62
4-Nitroaniline
Concen: 129.743 ng
RT: 15.651 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

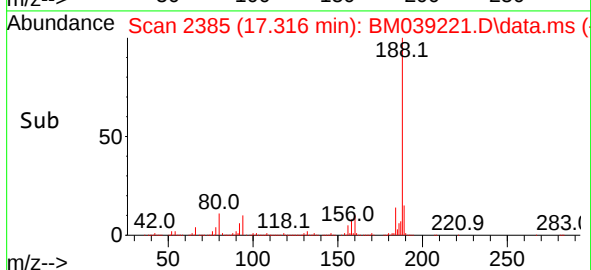
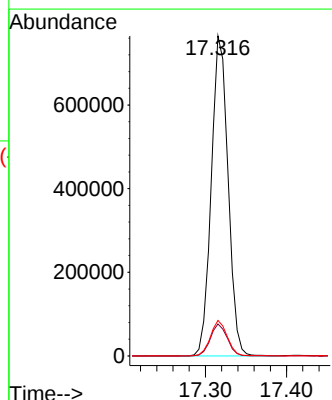
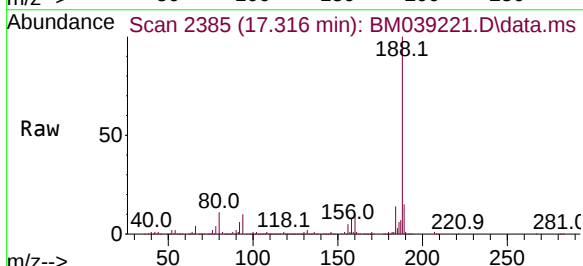
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

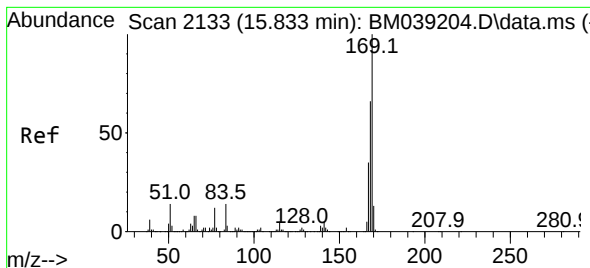
Tgt Ion:138 Resp: 1359763
Ion Ratio Lower Upper
138 100
92 51.2 30.5 70.5
108 75.0 55.5 95.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion:188 Resp: 1102080
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.4
80 11.1 8.9 13.3

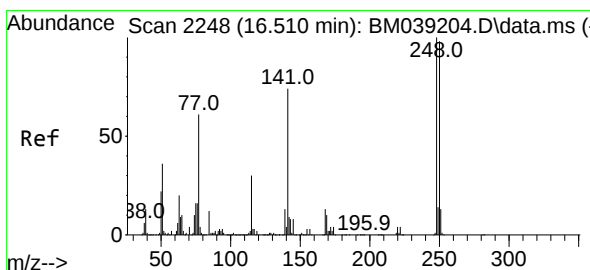
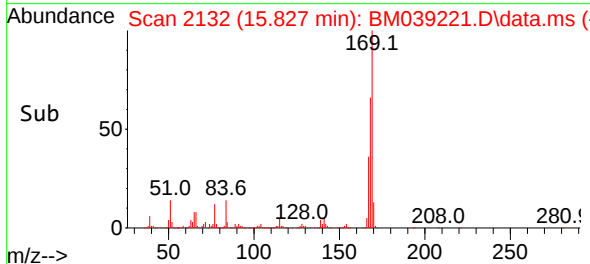
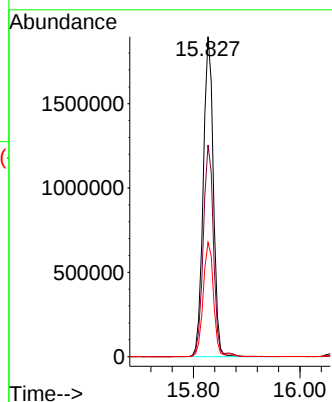
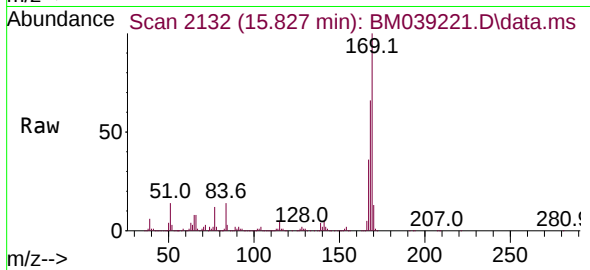




#66
n-Nitrosodiphenylamine
Concen: 71.549 ng
RT: 15.827 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

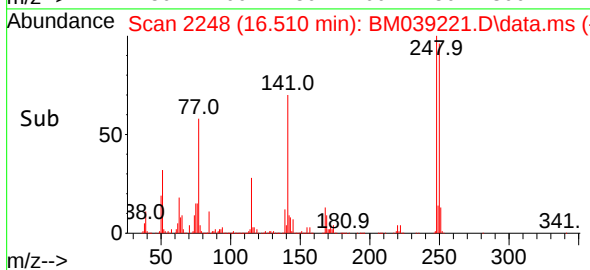
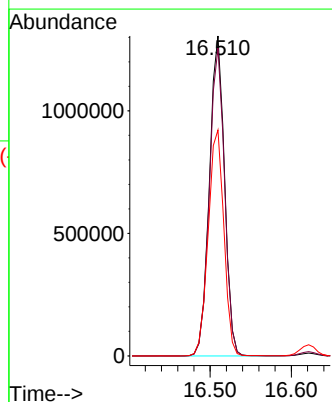
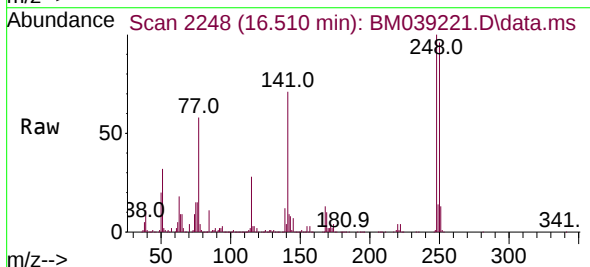
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

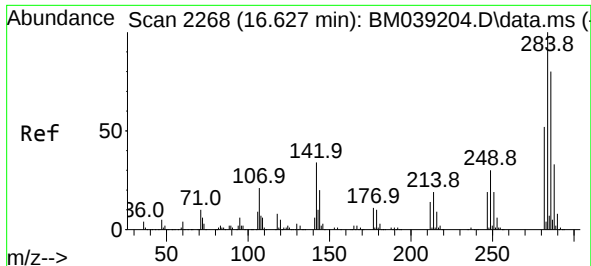
Tgt Ion:169 Resp: 2484792
Ion Ratio Lower Upper
169 100
168 66.1 52.8 79.2
167 35.7 28.4 42.6



#67
4-Bromophenyl-phenylether
Concen: 143.939 ng
RT: 16.510 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion:248 Resp: 1694102
Ion Ratio Lower Upper
248 100
250 96.2 78.8 118.2
141 70.6 58.8 88.2

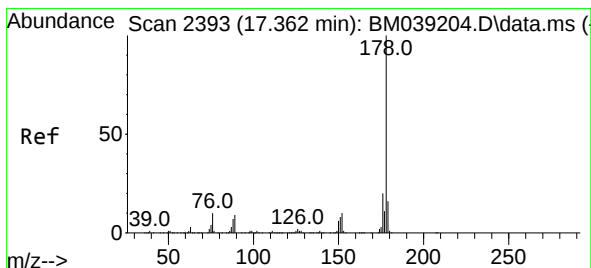
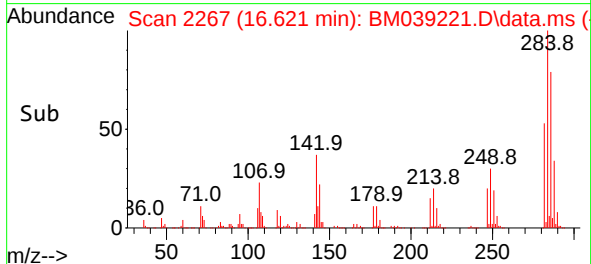
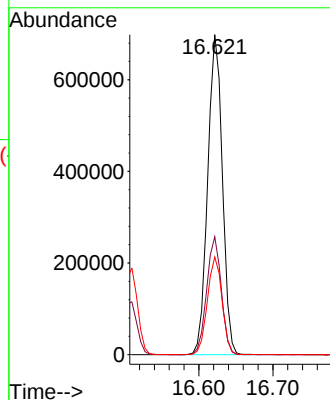
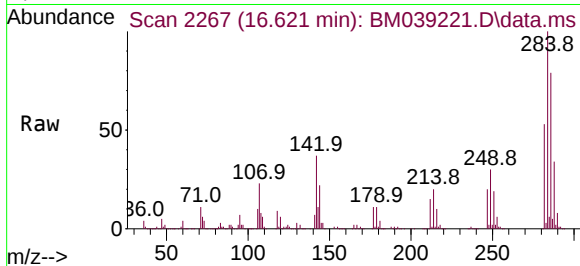




#68
Hexachlorobenzene
Concen: 75.143 ng
RT: 16.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

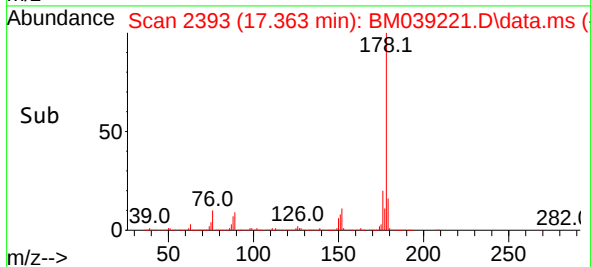
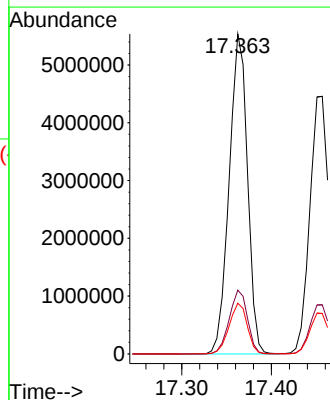
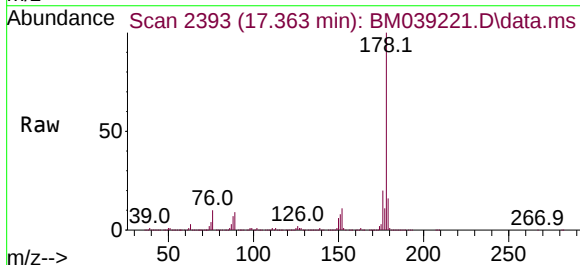
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

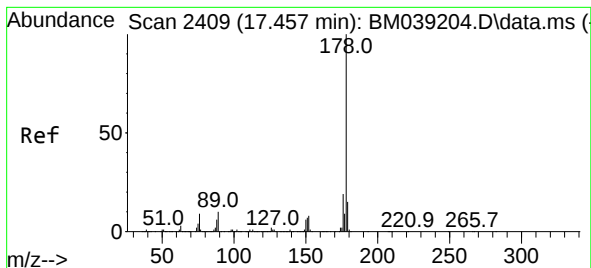
Tgt Ion:284 Resp: 958944
Ion Ratio Lower Upper
284 100
142 36.8 27.4 41.2
249 30.5 24.4 36.6



#71
Phenanthrene
Concen: 130.231 ng
RT: 17.363 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion:178 Resp: 7860635
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.8 12.4 18.6





#72

Anthracene

Concen: 107.211 ng

RT: 17.457 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

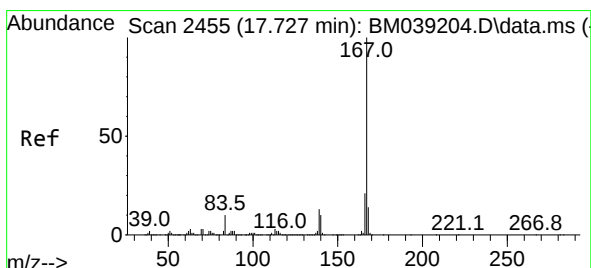
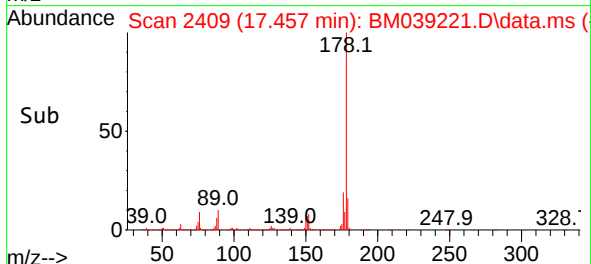
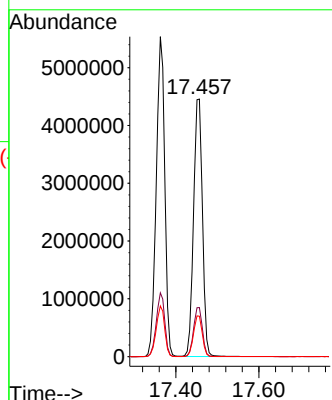
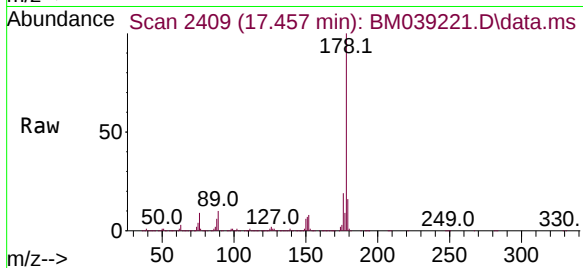
Tgt Ion:178 Resp: 6598481

Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 15.7 12.2 18.2



#73

Carbazole

Concen: 91.155 ng

RT: 17.727 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

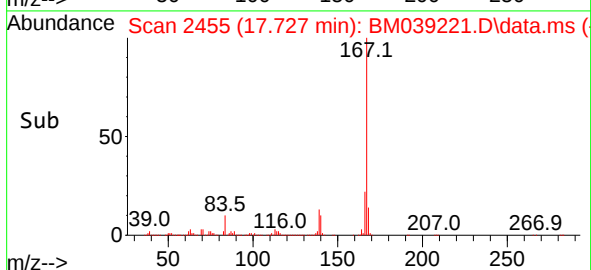
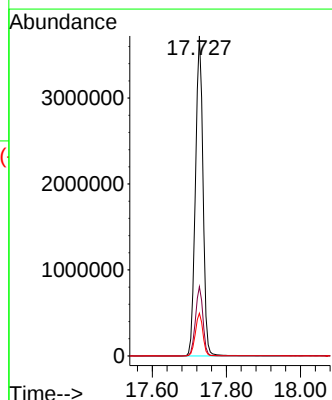
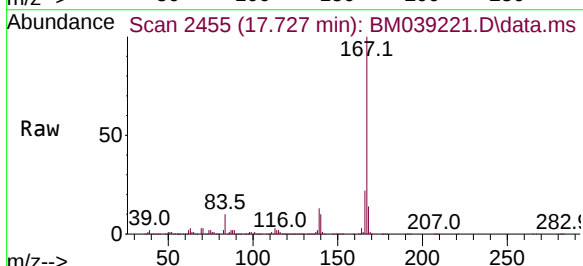
Tgt Ion:167 Resp: 5242418

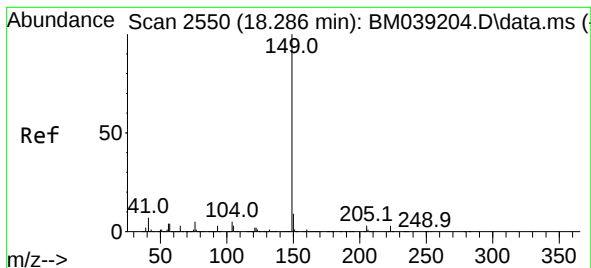
Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.3 10.6 16.0





#74

Di-n-butylphthalate

Concen: 79.218 ng

RT: 18.286 min Scan# 2550

Delta R.T. 0.000 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

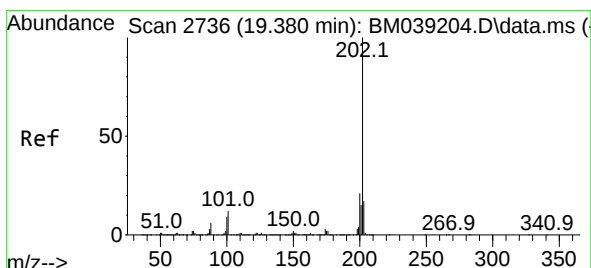
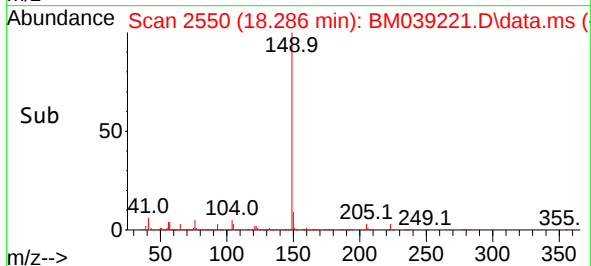
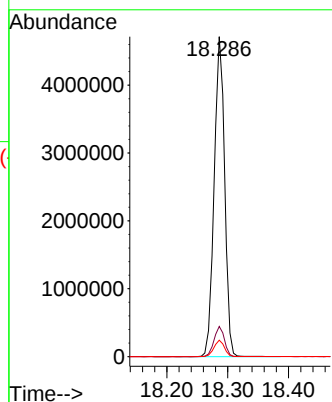
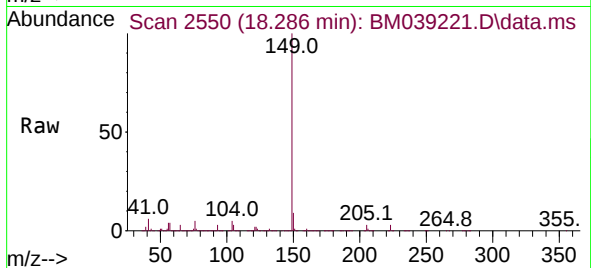
Tgt Ion:149 Resp: 5635658

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.1 4.1 6.1



#75

Fluoranthene

Concen: 66.779 ng

RT: 19.374 min Scan# 2735

Delta R.T. -0.006 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

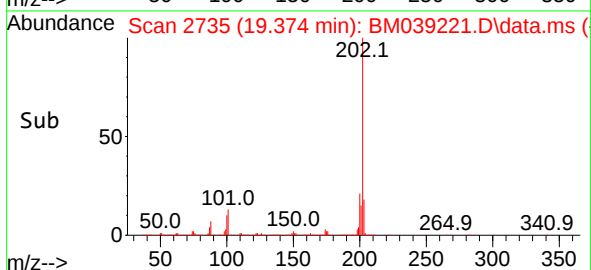
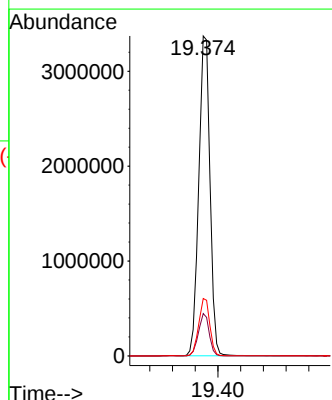
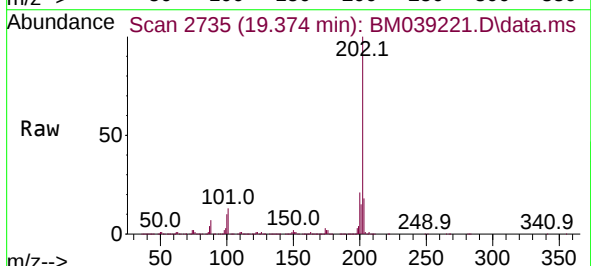
Tgt Ion:202 Resp: 4594707

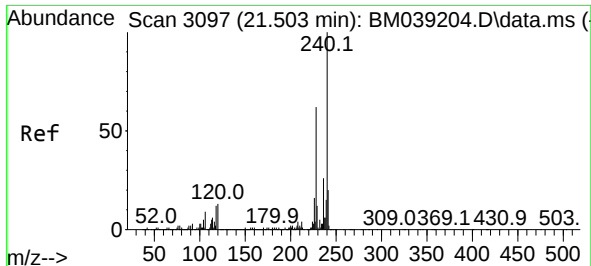
Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.5

203 17.9 0.0 37.5

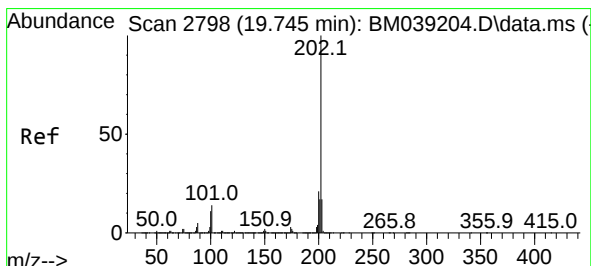
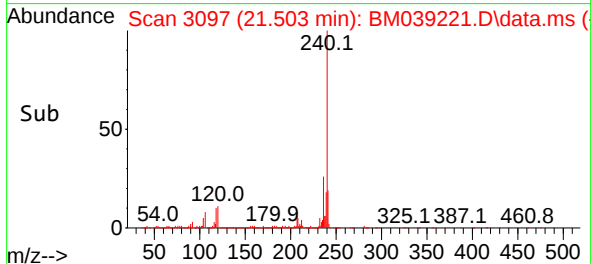
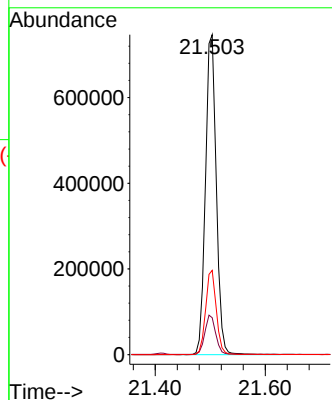
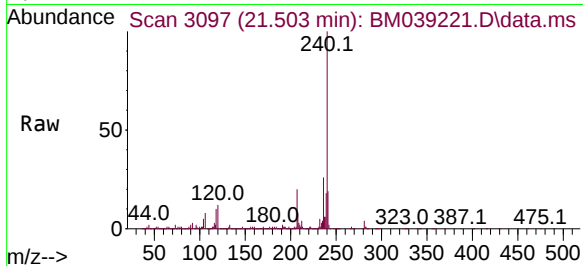




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

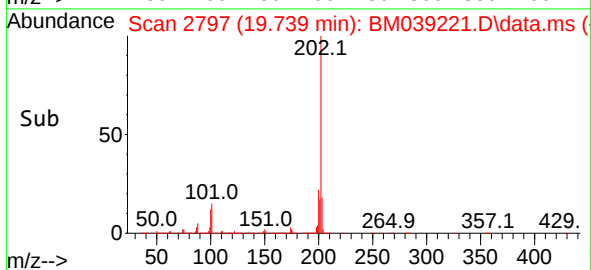
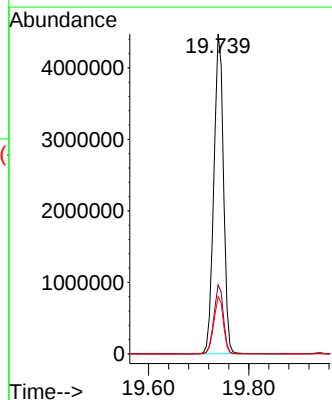
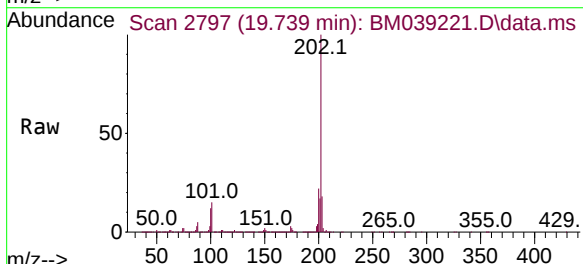
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

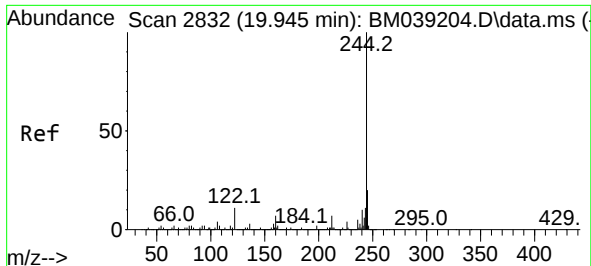
Tgt Ion:240 Resp: 1022228
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.2
236 26.3 20.9 31.3



#78
Pyrene
Concen: 81.877 ng
RT: 19.739 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion:202 Resp: 5958367
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.9 13.9 20.9

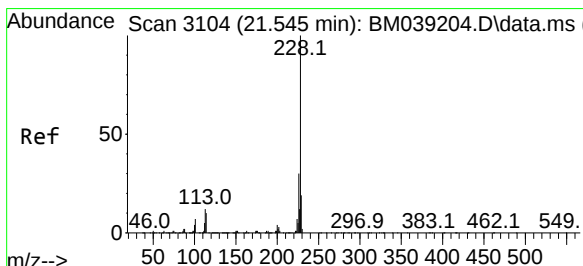
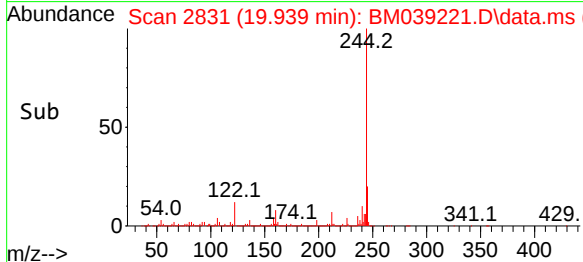
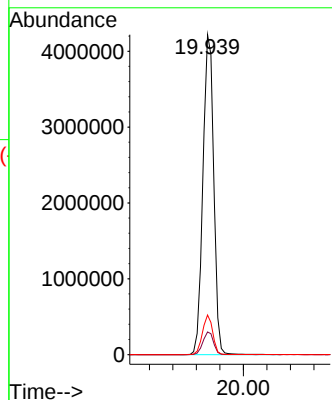
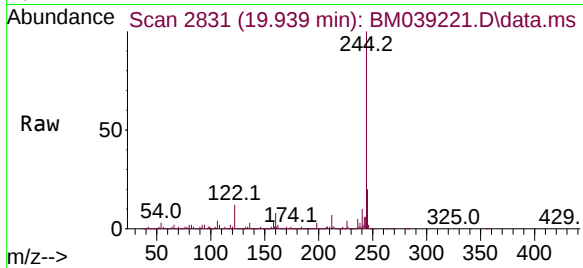




#79
 Terphenyl-d14
 Concen: 97.215 ng
 RT: 19.939 min Scan# 2832
 Delta R.T. -0.006 min
 Lab File: BM039221.D
 Acq: 30 Mar 2023 10:34

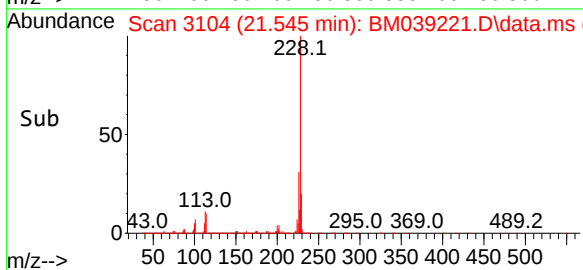
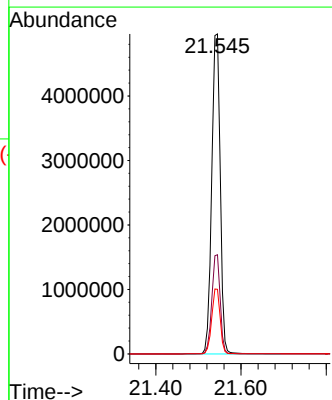
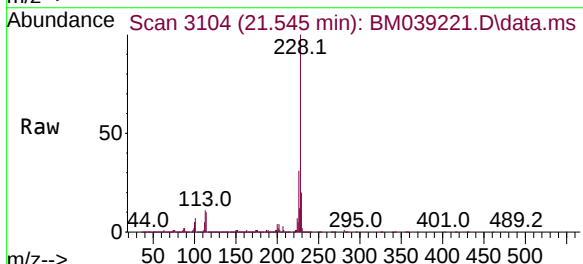
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

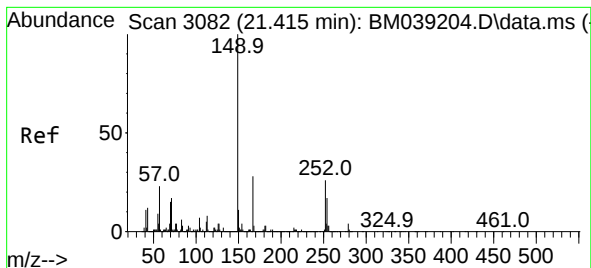
Tgt Ion:244 Resp: 5378770
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.4 9.1 13.7



#83
 Chrysene
 Concen: 98.816 ng
 RT: 21.545 min Scan# 3104
 Delta R.T. 0.000 min
 Lab File: BM039221.D
 Acq: 30 Mar 2023 10:34

Tgt Ion:228 Resp: 6877332
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.1 36.1
 229 20.2 15.5 23.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 142.171 ng

RT: 21.409 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

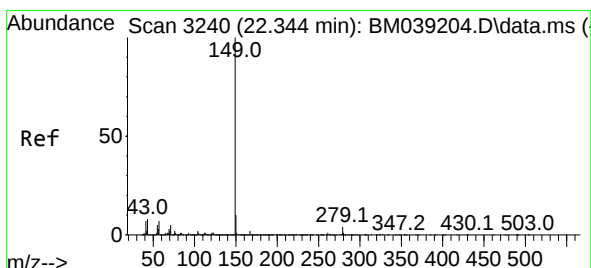
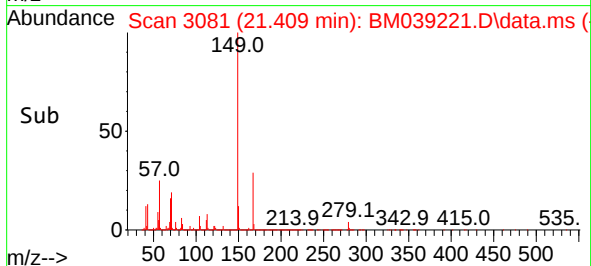
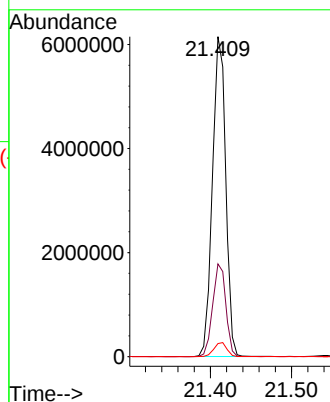
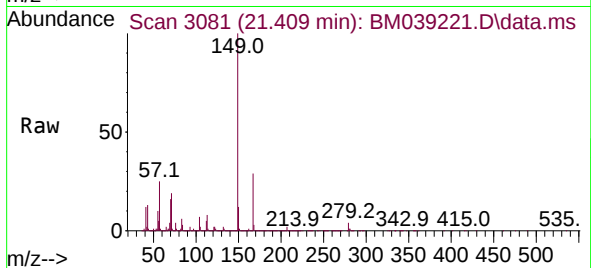
Tgt Ion:149 Resp: 7000297

Ion Ratio Lower Upper

149 100

167 29.0 22.3 33.5

279 4.1 3.4 5.2



#85

Di-n-octyl phthalate

Concen: 121.690 ng

RT: 22.345 min Scan# 3240

Delta R.T. 0.000 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

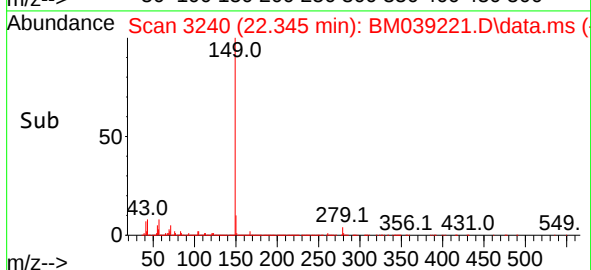
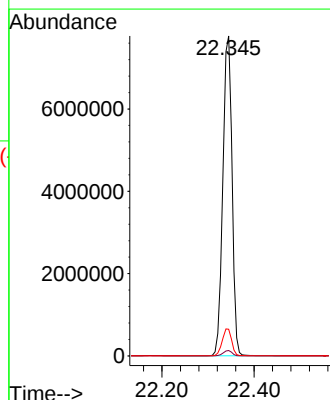
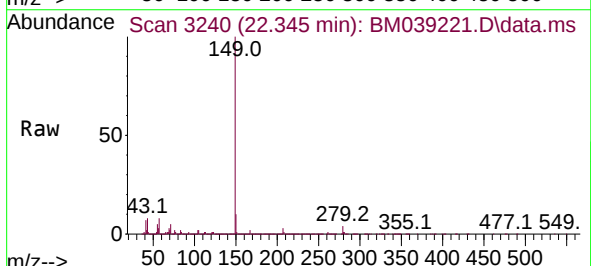
Tgt Ion:149 Resp:10795280

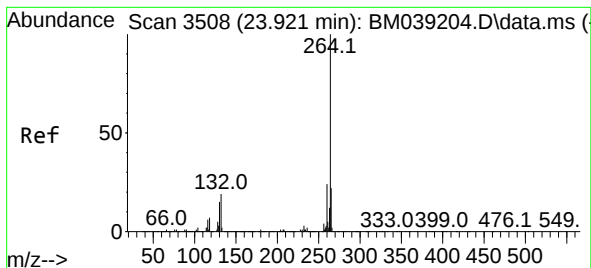
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.6 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

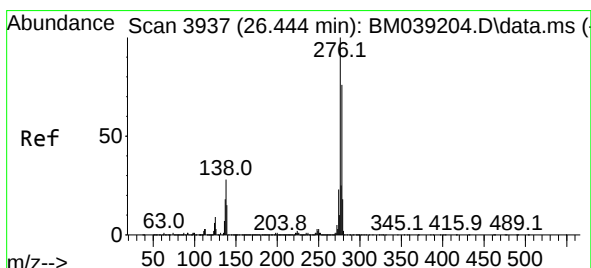
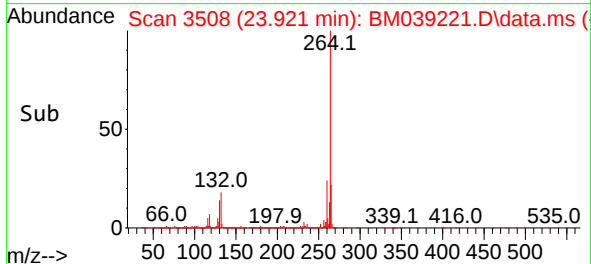
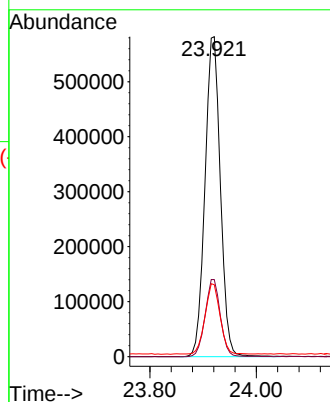
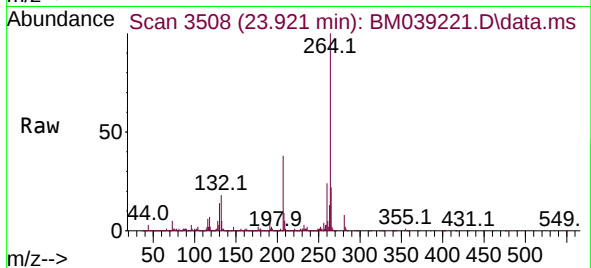
Tgt Ion:264 Resp: 1164720

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.5 18.1 27.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 20.938 ng

RT: 26.462 min Scan# 3940

Delta R.T. 0.018 min

Lab File: BM039221.D

Acq: 30 Mar 2023 10:34

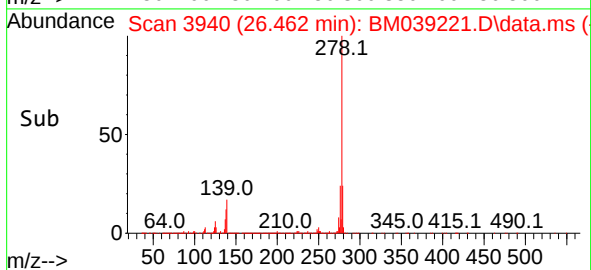
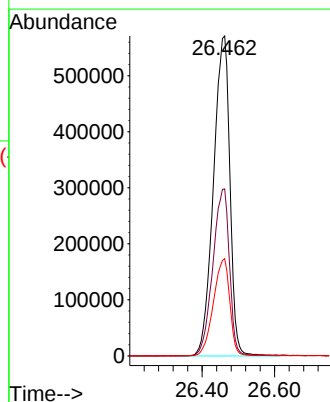
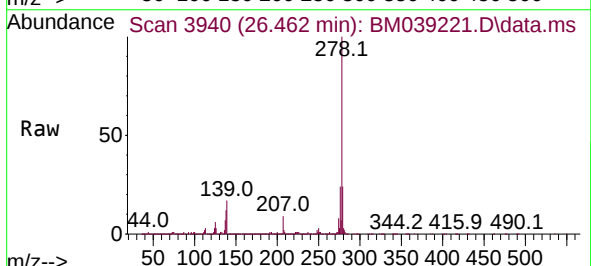
Tgt Ion:276 Resp: 1796809

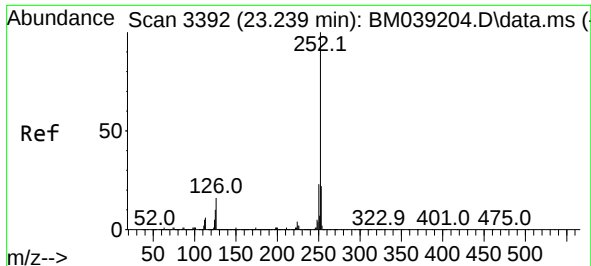
Ion Ratio Lower Upper

276 100

138 52.7 22.2 33.2#

277 30.3 20.2 30.2#

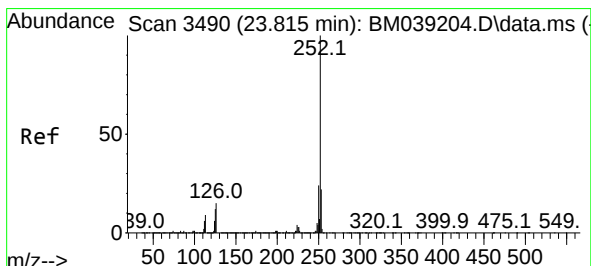
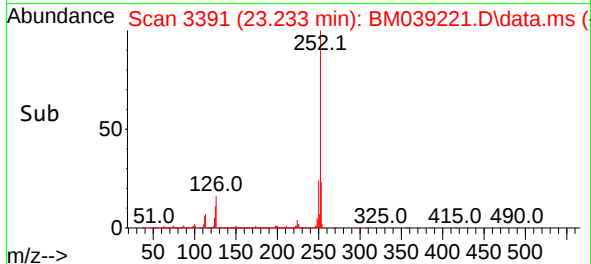
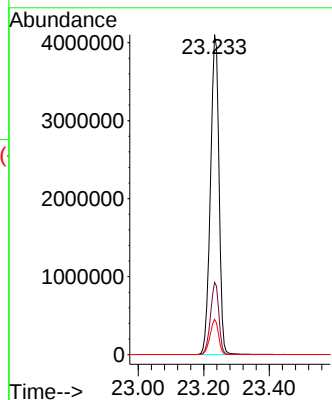
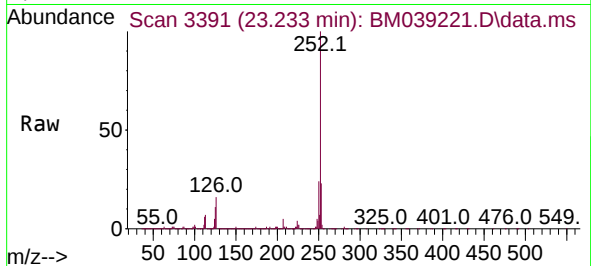




#89
Benzo(k)fluoranthene
Concen: 102.040 ng
RT: 23.233 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

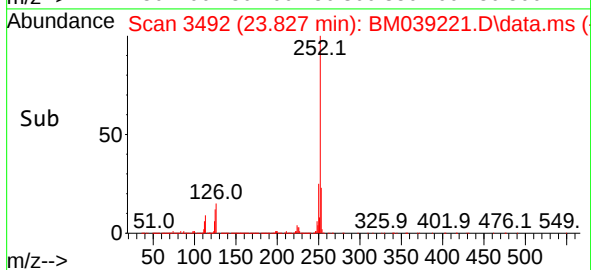
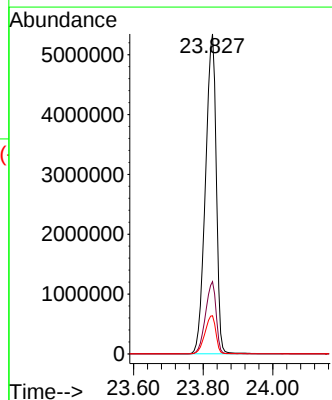
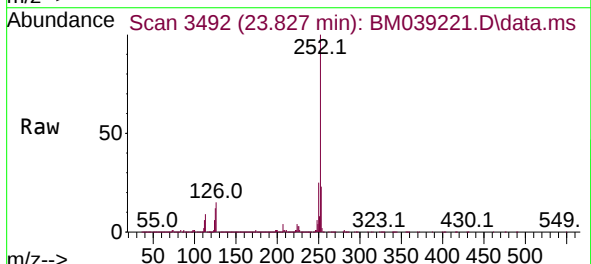
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

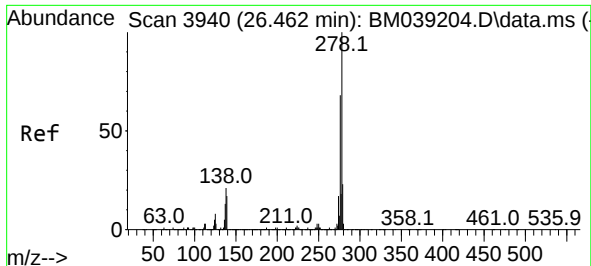
Tgt Ion:252 Resp: 7407309
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.1 8.5 12.7



#90
Benzo(a)pyrene
Concen: 164.022 ng
RT: 23.827 min Scan# 3492
Delta R.T. 0.012 min
Lab File: BM039221.D
Acq: 30 Mar 2023 10:34

Tgt Ion:252 Resp:11483201
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.9 9.8 14.6





#91
 Dibenzo(a,h)anthracene
 Concen: 105.674 ng
 RT: 26.462 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: BM039221.D
 Acq: 30 Mar 2023 10:34

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Tgt Ion:278 Resp: 7614767

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.9	20.9
279	24.2	18.8	28.2

