

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039222.D
 Acq On : 30 Mar 2023 11:33
 Operator : CG/JU
 Sample : 01950-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Mar 30 12:05:26 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	217036	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	854923	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	486270	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1011999	20.000	ng	0.00
76) Chrysene-d12	21.503	240	938084	20.000	ng	0.00
86) Perylene-d12	23.915	264	1121731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	421217	29.240	ng	0.00
7) Phenol-d6	7.087	99	527149	28.292	ng	-0.01
23) Nitrobenzene-d5	9.092	82	322127	18.313	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	122594	19.861	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	704976	19.643	ng	0.00
79) Terphenyl-d14	19.939	244	1097712	21.619	ng	0.00
Target Compounds						Qvalue
12) 1,3-Dichlorobenzene	7.810	146	515598	32.974	ng	99
13) 1,4-Dichlorobenzene	7.957	146	134945	8.535	ng	100
14) 1,2-Dichlorobenzene	8.281	146	67414	4.459	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	478723	24.916	ng	99
18) Hexachloroethane	9.004	117	82177	13.436	ng	99
19) n-Nitroso-di-n-propyla...	8.733	70	180018	15.114	ng	99
25) Isophorone	9.663	82	278663	8.492	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	208784	14.885	ng	98
34) Hexachlorobutadiene	11.069	225	145327	17.620	ng	99
47) 2-Chloronaphthalene	13.445	162	522460	17.969	ng	98
49) Acenaphthylene	14.292	152	1363567	28.535	ng	100
50) Dimethylphthalate	14.027	163	892577	23.818	ng	100
51) 2,6-Dinitrotoluene	14.151	165	250115	31.036	ng	95
52) Acenaphthene	14.633	154	170976	6.059	ng	98
55) Dibenzofuran	14.968	168	718589	15.818	ng	100
57) 2,4-Dinitrotoluene	14.939	165	97106	8.907	ng	92
58) Fluorene	15.615	166	499827	13.895	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	352147	19.753	ng	98
62) 4-Nitroaniline	15.639	138	245828	25.713	ng	97
66) n-Nitrosodiphenylamine	15.827	169	536782	16.832	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	330693	30.598	ng	98
68) Hexachlorobenzene	16.621	284	191348	16.329	ng	98
71) Phenanthrene	17.362	178	1645019	29.680	ng	99
72) Anthracene	17.451	178	1324907	23.443	ng	100
73) Carbazole	17.727	167	1061674	20.104	ng	98
74) Di-n-butylphthalate	18.286	149	1056757	16.177	ng	100
75) Fluoranthene	19.374	202	928987	14.704	ng	100
78) Pyrene	19.739	202	1216114	18.210	ng	99
83) Chrysene	21.539	228	1459770	22.856	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1426796	31.576	ng	99
85) Di-n-octyl phthalate	22.344	149	2277161	27.972	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	369338	4.469	ng	# 70
89) Benzo(k)fluoranthene	23.227	252	1579844	22.597	ng	99
90) Benzo(a)pyrene	23.809	252	2534794	37.594	ng	99
91) Dibenzo(a,h)anthracene	26.444	278	1581224	22.784	ng	99

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QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

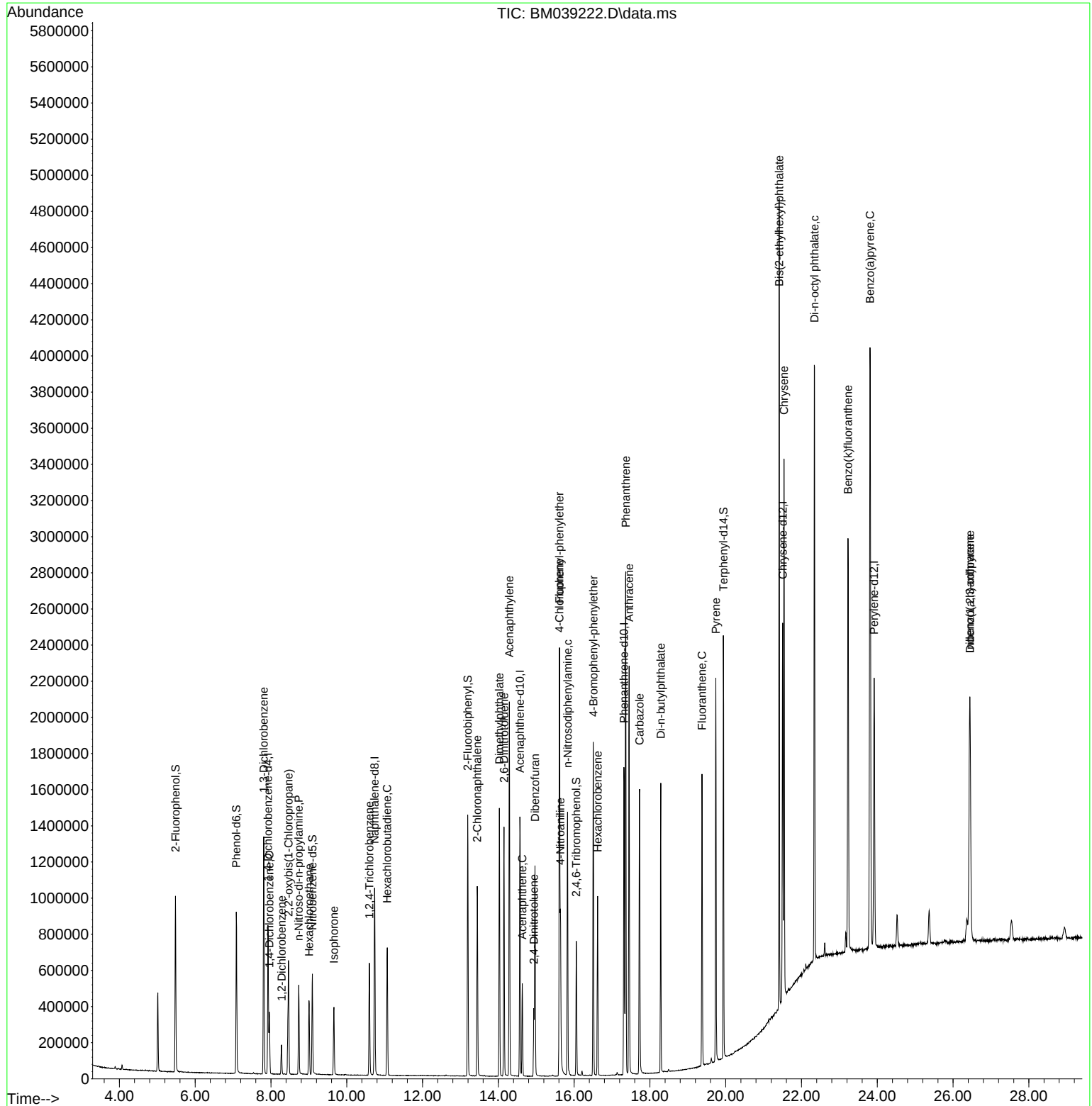
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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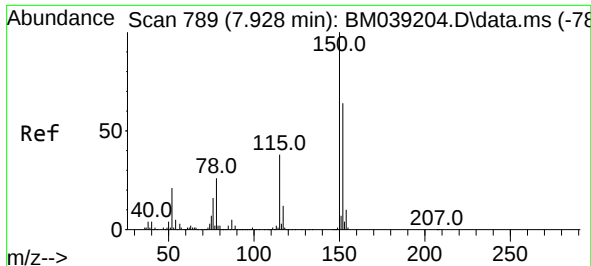
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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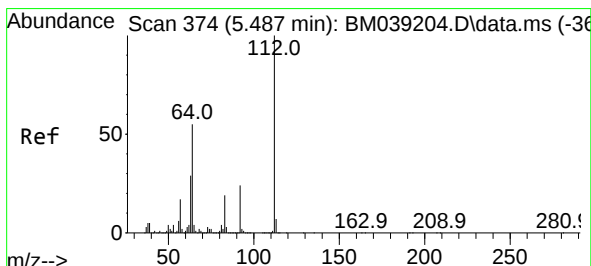
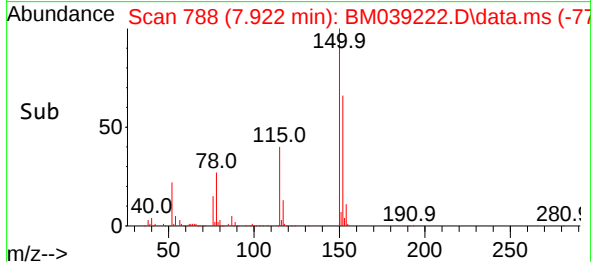
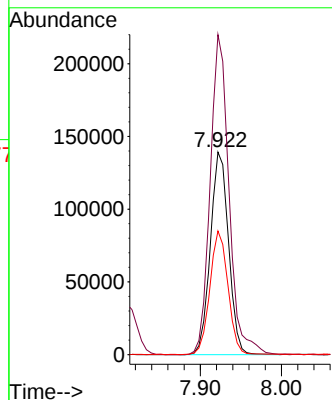
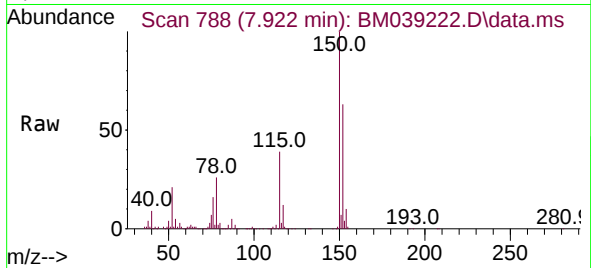




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

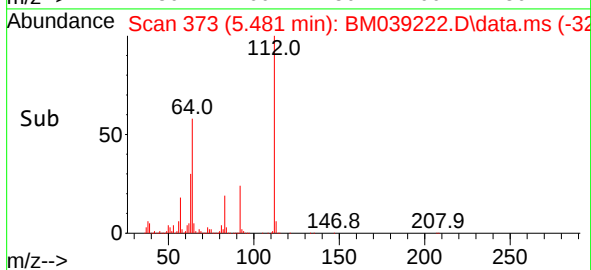
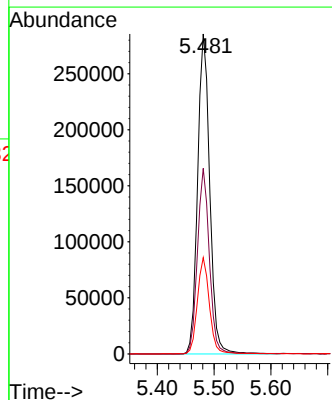
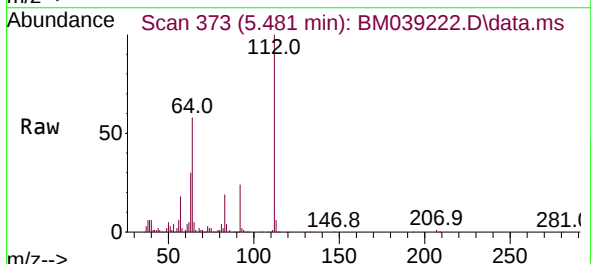
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

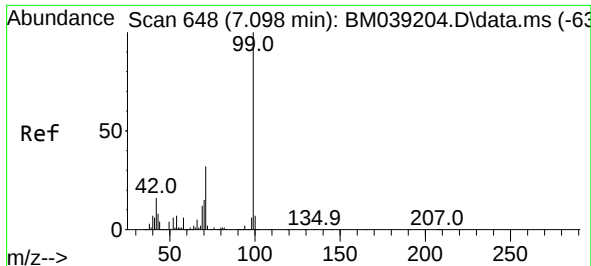
Tgt Ion:152 Resp: 217036
Ion Ratio Lower Upper
152 100
150 158.0 125.5 188.3
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 29.240 ng
RT: 5.481 min Scan# 373
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion:112 Resp: 421217
Ion Ratio Lower Upper
112 100
64 58.0 44.3 66.5
63 30.1 23.0 34.6

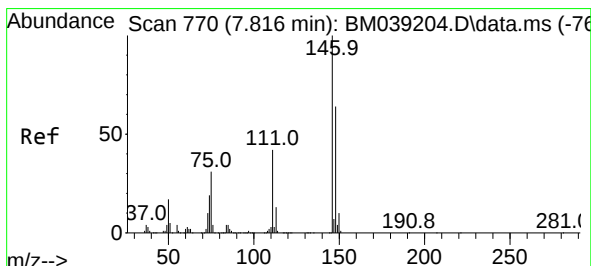
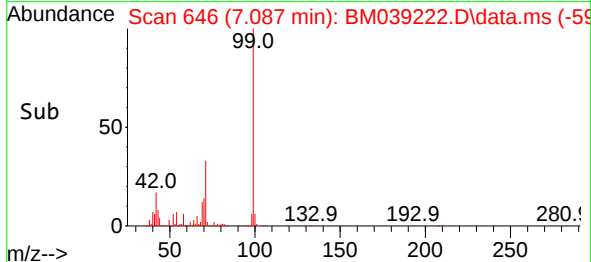
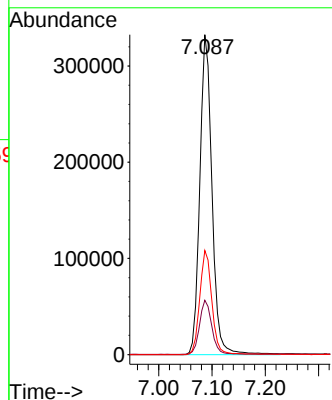
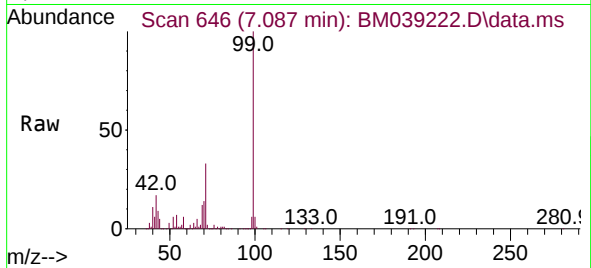




#7
Phenol-d6
Concen: 28.292 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

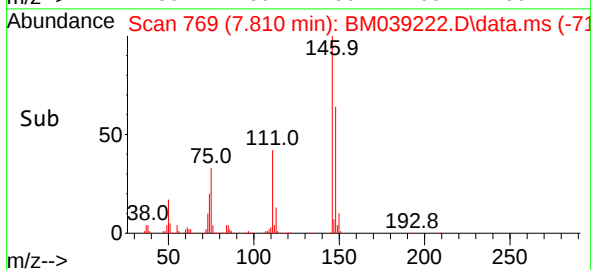
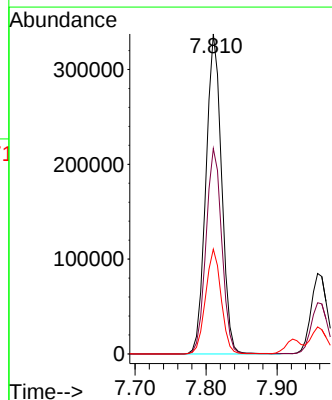
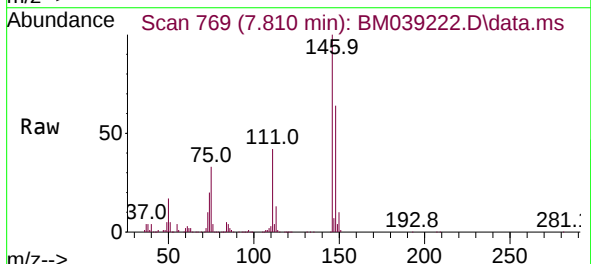
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

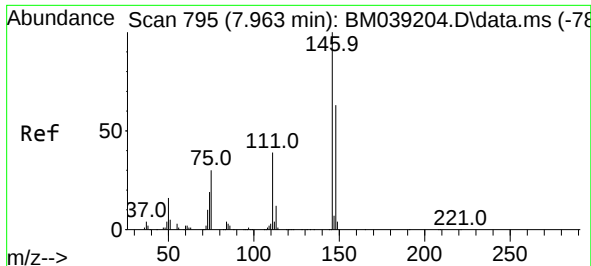
Tgt Ion: 99 Resp: 527149
Ion Ratio Lower Upper
99 100
42 17.0 13.0 19.6
71 32.5 25.5 38.3



#12
1,3-Dichlorobenzene
Concen: 32.974 ng
RT: 7.810 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion: 146 Resp: 515598
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 32.7 25.2 37.8

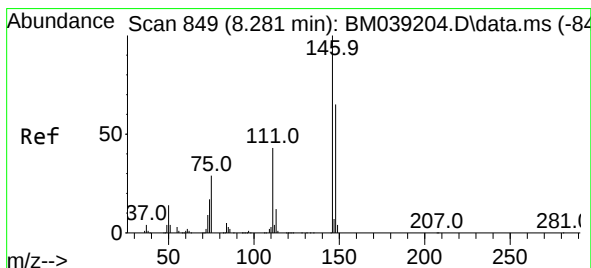
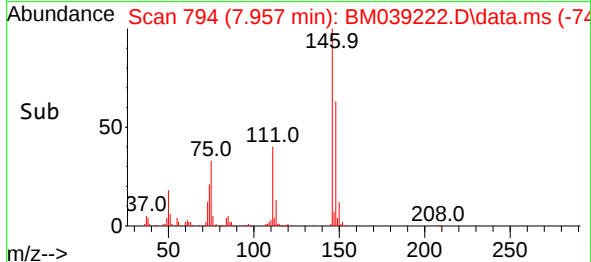
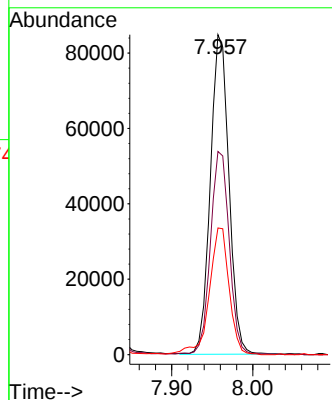
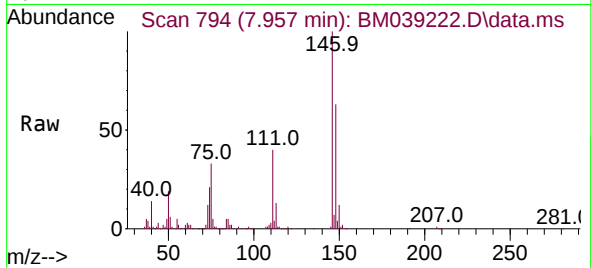




#13
1,4-Dichlorobenzene
Concen: 8.535 ng
RT: 7.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

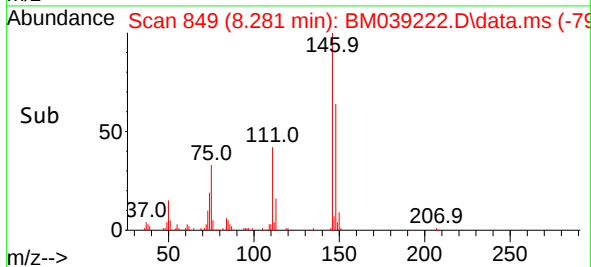
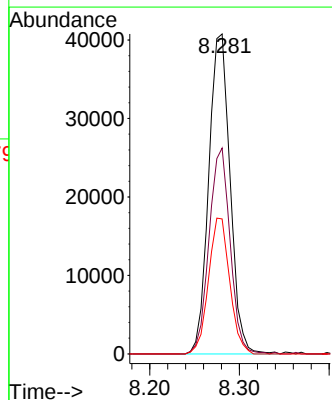
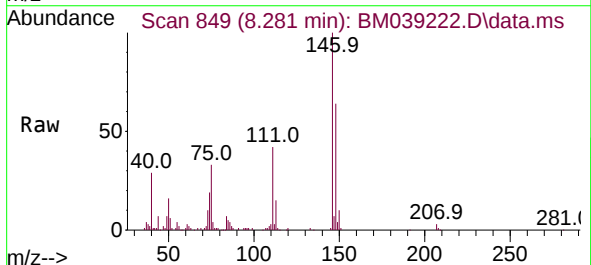
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

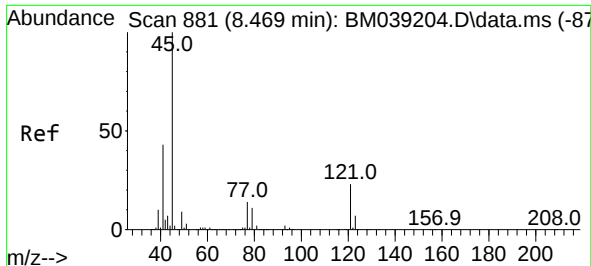
Tgt Ion:146 Resp: 134945
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 39.6 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 4.459 ng
RT: 8.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion:146 Resp: 67414
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
111 42.2 34.5 51.7

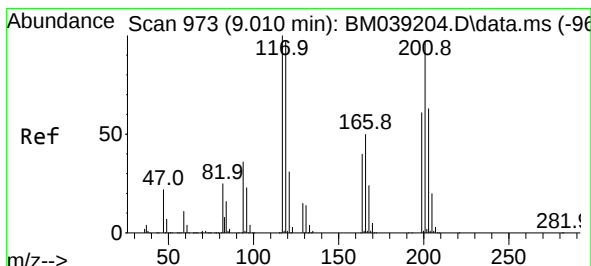
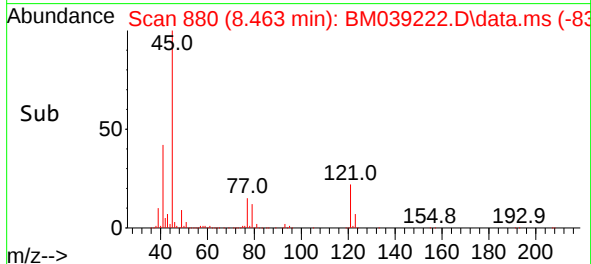
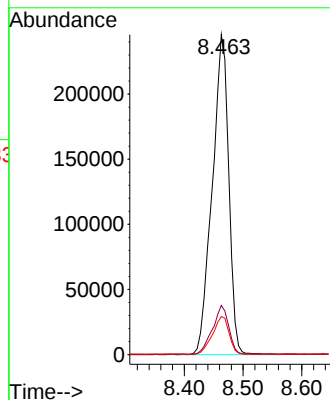
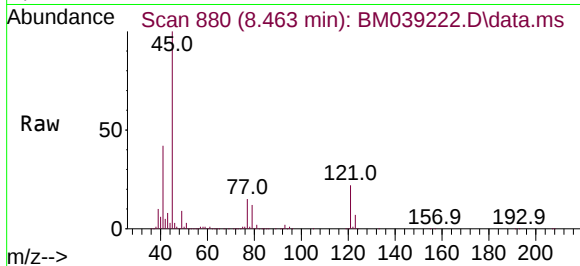




#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.916 ng
RT: 8.463 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

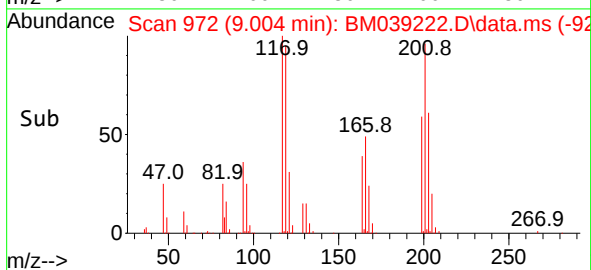
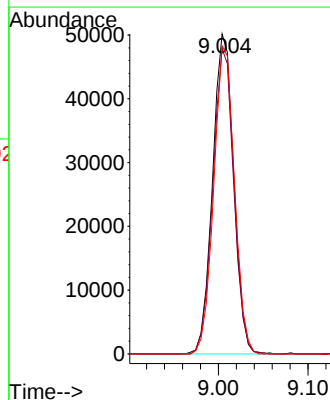
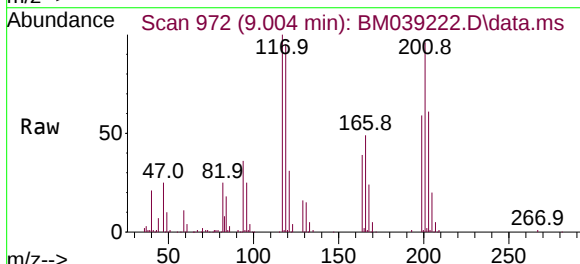
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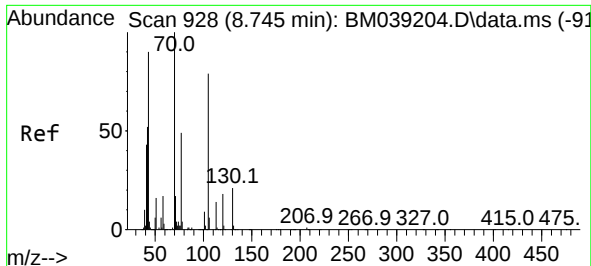
Tgt Ion: 45 Resp: 478723
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.1
79 11.9 0.0 32.2



#18
Hexachloroethane
Concen: 13.436 ng
RT: 9.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion: 117 Resp: 82177
Ion Ratio Lower Upper
117 100
119 95.4 77.8 116.8
201 96.2 77.3 115.9

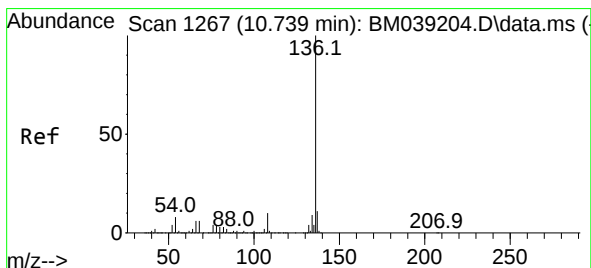
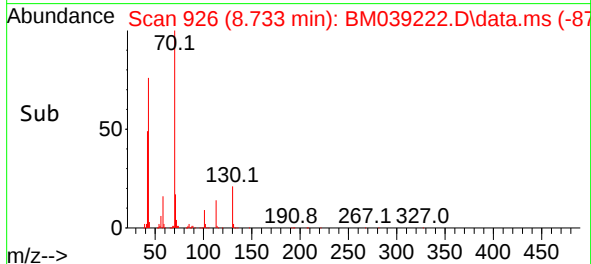
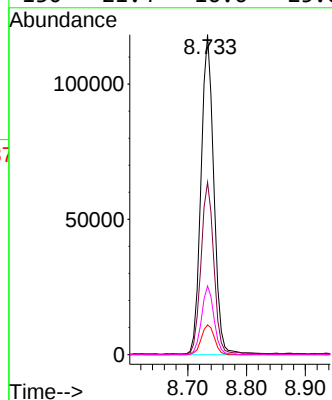
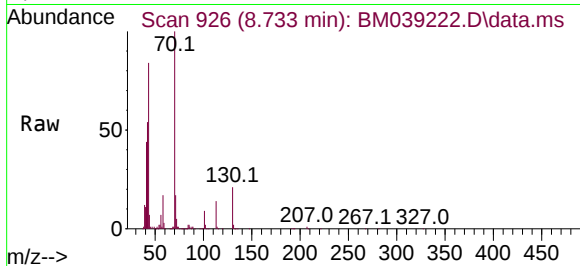




#19
n-Nitroso-di-n-propylamine
Concen: 15.114 ng
RT: 8.733 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

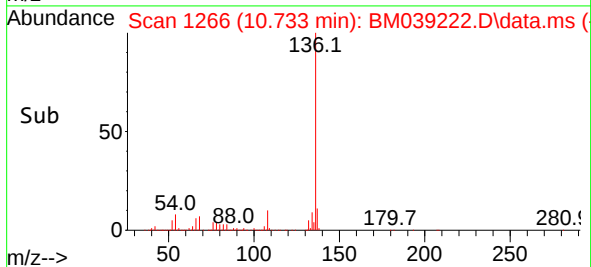
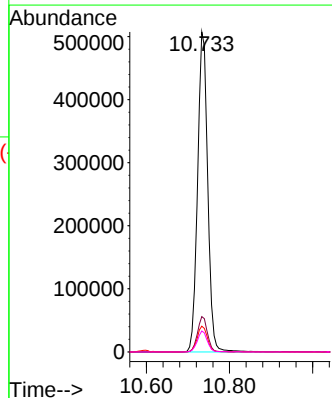
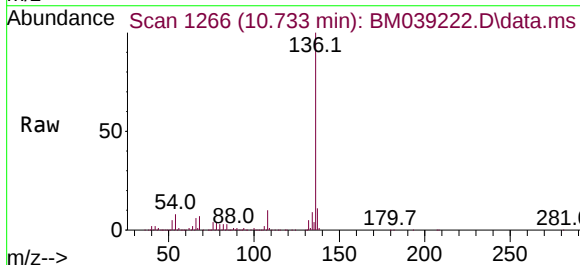
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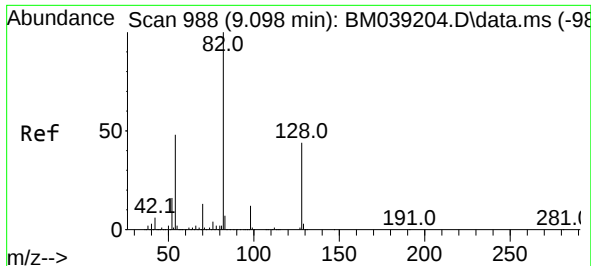
Tgt Ion: 70 Resp: 180018
Ion Ratio Lower Upper
70 100
42 53.9 42.2 63.2
101 9.3 7.6 11.4
130 21.4 16.6 25.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion: 136 Resp: 854923
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 6.2 9.4
68 6.5 4.9 7.3

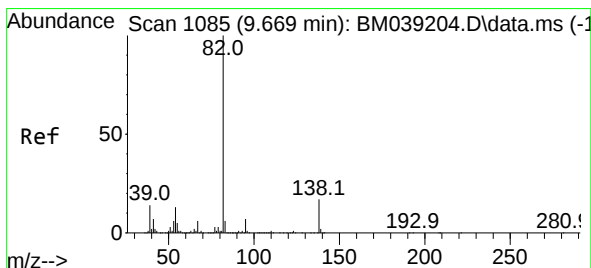
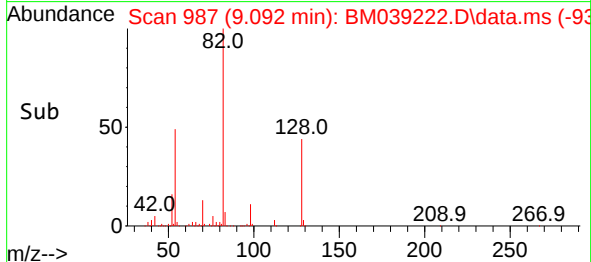
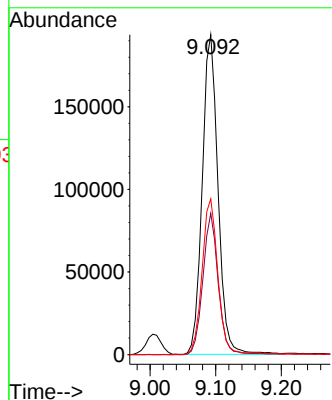
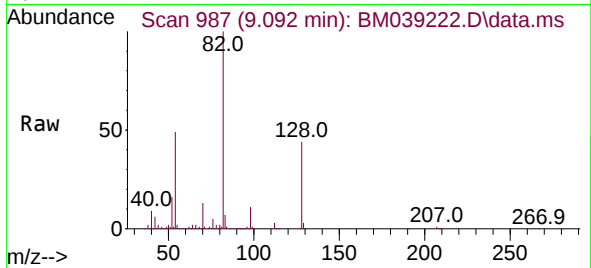




#23
Nitrobenzene-d5
Concen: 18.313 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

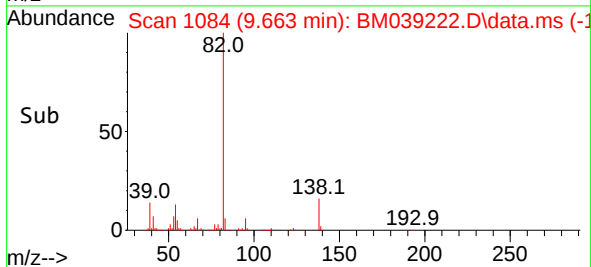
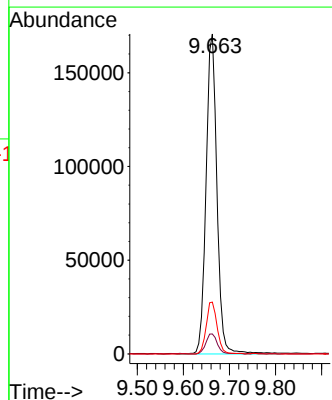
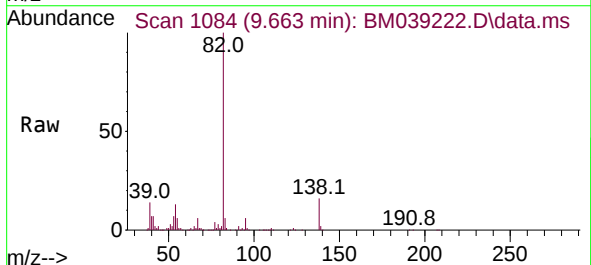
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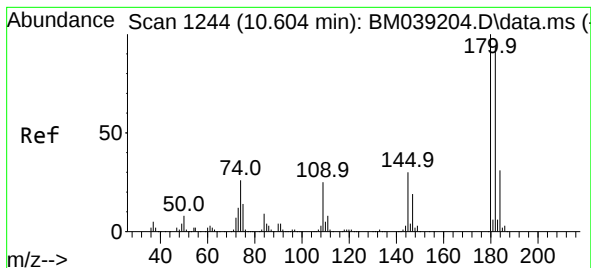
Tgt Ion: 82 Resp: 322127
Ion Ratio Lower Upper
82 100
128 44.1 35.1 52.7
54 48.7 38.5 57.7



#25
Isophorone
Concen: 8.492 ng
RT: 9.663 min Scan# 1084
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion: 82 Resp: 278663
Ion Ratio Lower Upper
82 100
95 6.2 5.2 7.8
138 16.2 13.5 20.3





#30

1,2,4-Trichlorobenzene

Concen: 14.885 ng

RT: 10.598 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

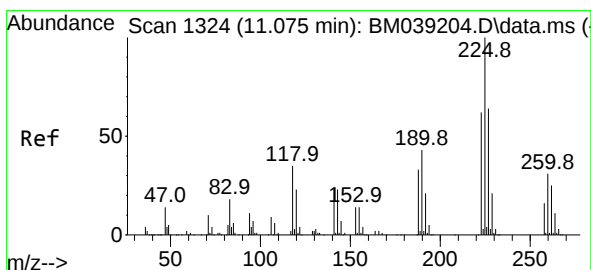
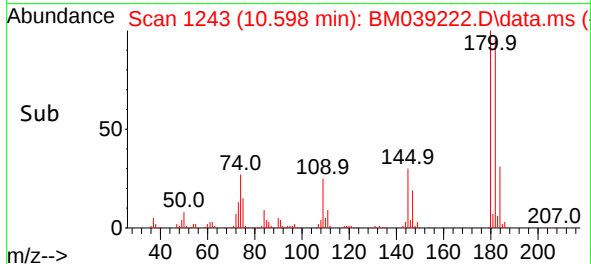
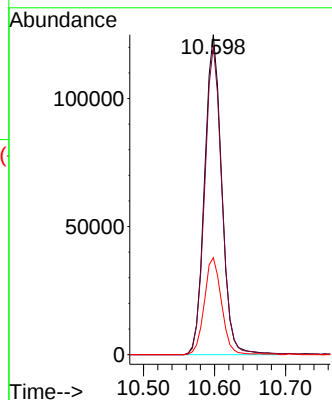
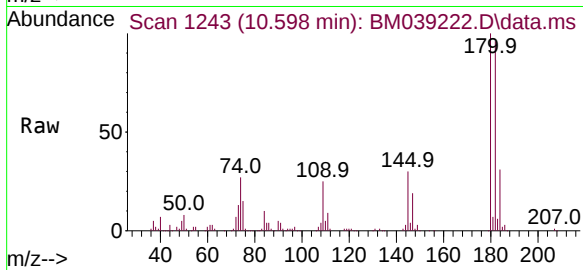
Tgt Ion:180 Resp: 208784

Ion Ratio Lower Upper

180 100

182 96.5 75.2 112.8

145 30.3 23.9 35.9



#34

Hexachlorobutadiene

Concen: 17.620 ng

RT: 11.069 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

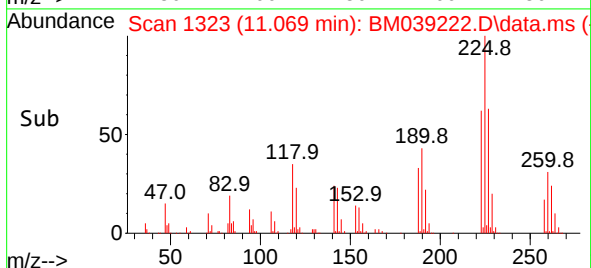
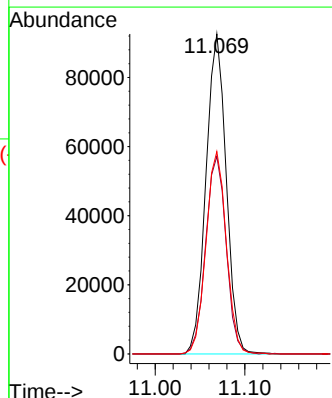
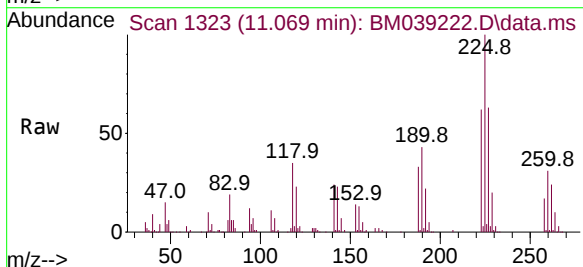
Tgt Ion:225 Resp: 145327

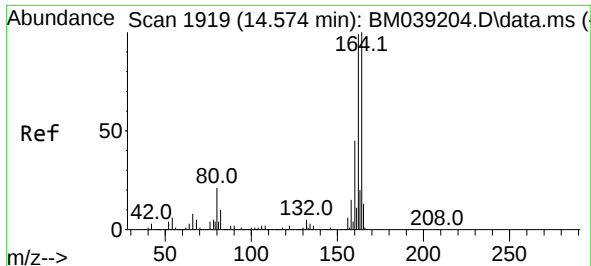
Ion Ratio Lower Upper

225 100

223 61.7 49.8 74.6

227 63.2 51.6 77.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

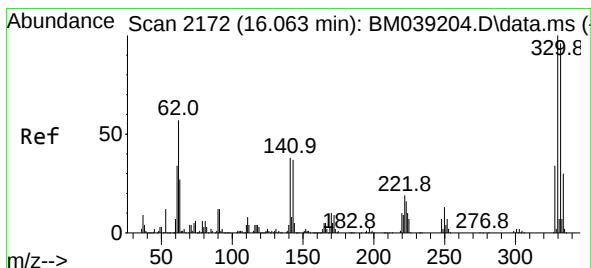
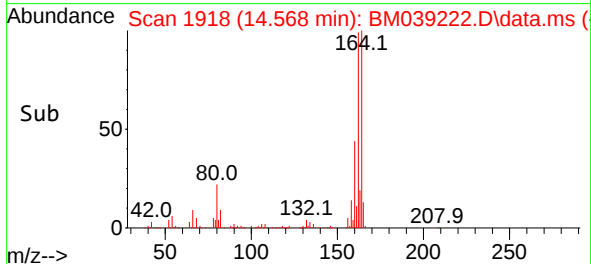
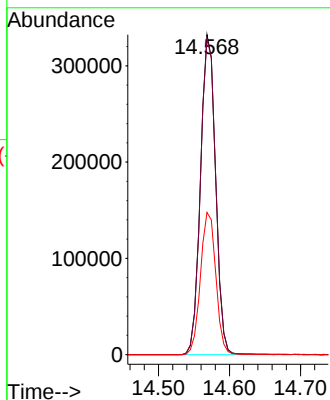
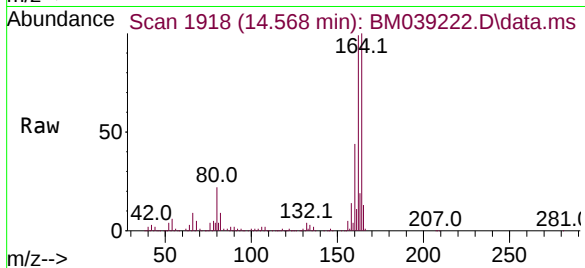
Tgt Ion:164 Resp: 486270

Ion Ratio Lower Upper

164 100

162 98.7 79.1 118.7

160 44.4 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 19.861 ng

RT: 16.057 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

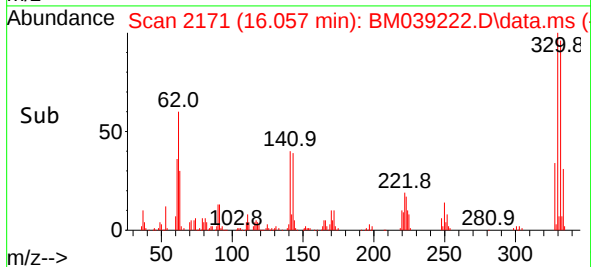
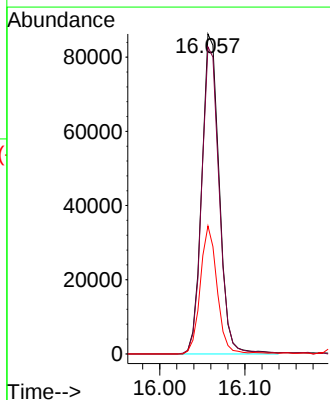
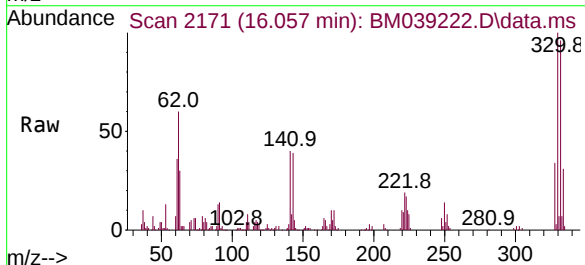
Tgt Ion:330 Resp: 122594

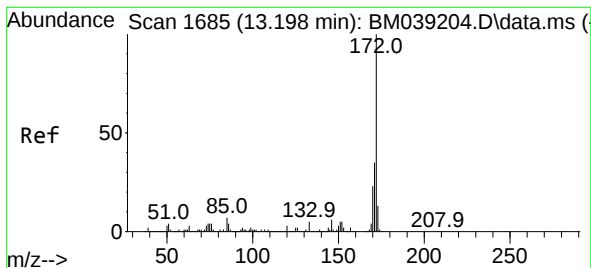
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 38.5 29.8 44.6





#45

2-Fluorobiphenyl

Concen: 19.643 ng

RT: 13.192 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

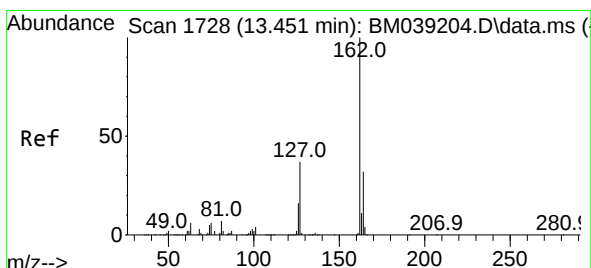
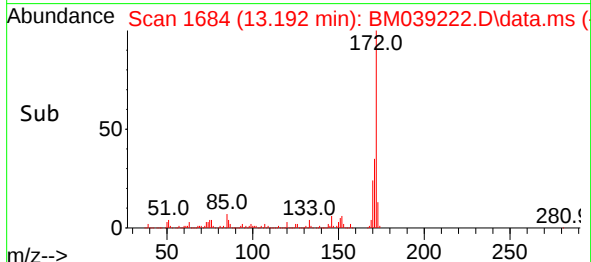
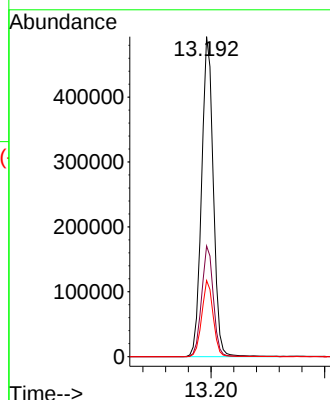
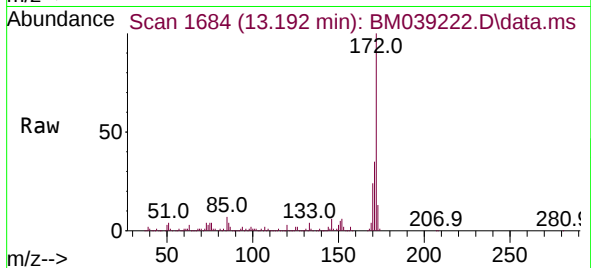
Tgt Ion:172 Resp: 704976

Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.8 18.7 28.1



#47

2-Chloronaphthalene

Concen: 17.969 ng

RT: 13.445 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

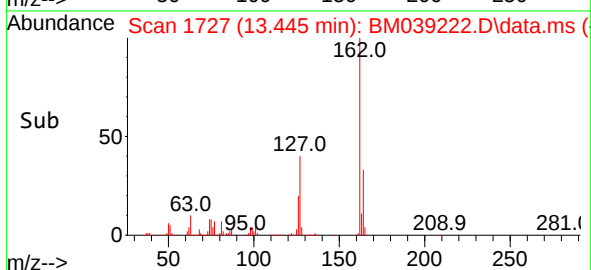
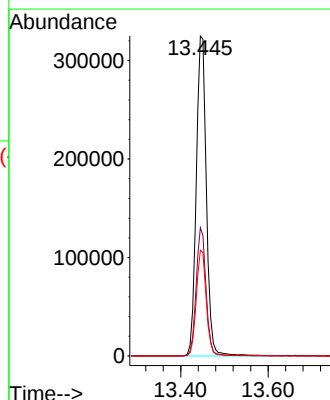
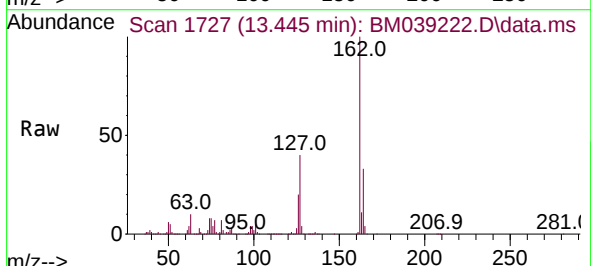
Tgt Ion:162 Resp: 522460

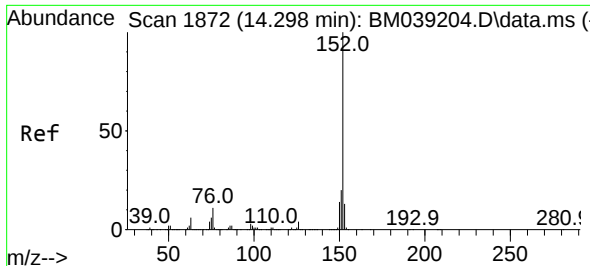
Ion Ratio Lower Upper

162 100

127 40.1 31.4 47.0

164 33.0 25.7 38.5

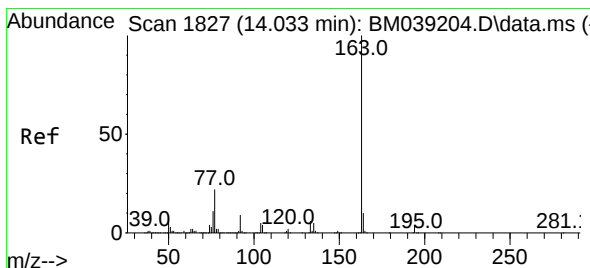
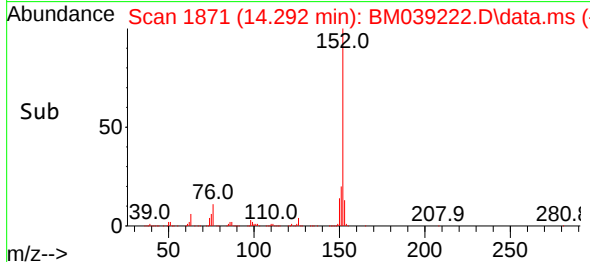
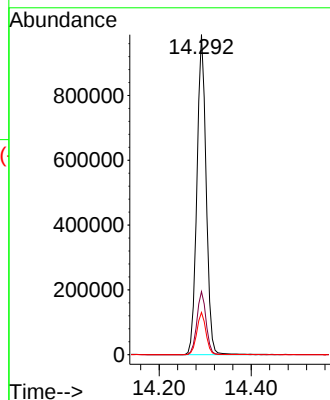
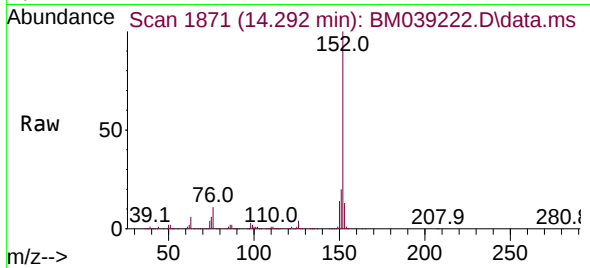




#49
Acenaphthylene
Concen: 28.535 ng
RT: 14.292 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

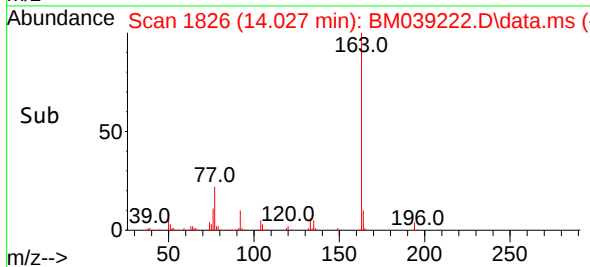
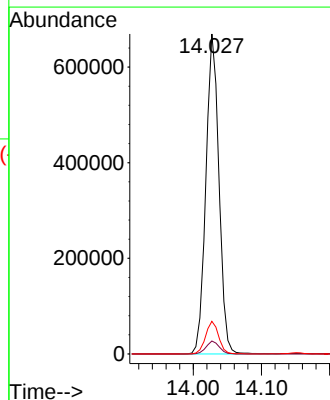
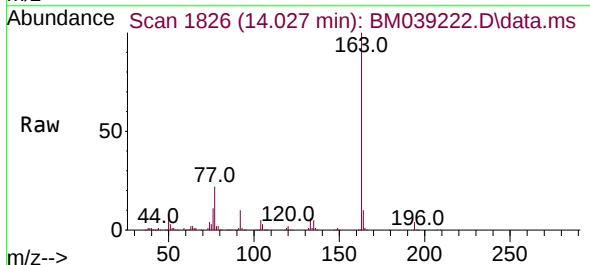
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

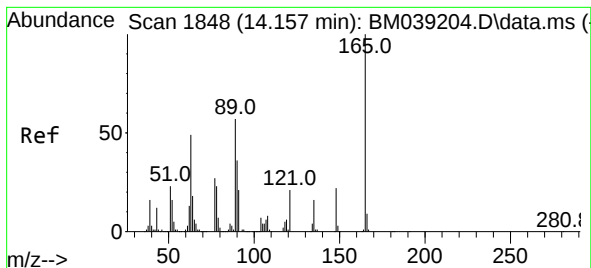
Tgt Ion:152 Resp: 1363567
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.3 15.5



#50
Dimethylphthalate
Concen: 23.818 ng
RT: 14.027 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion:163 Resp: 892577
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2

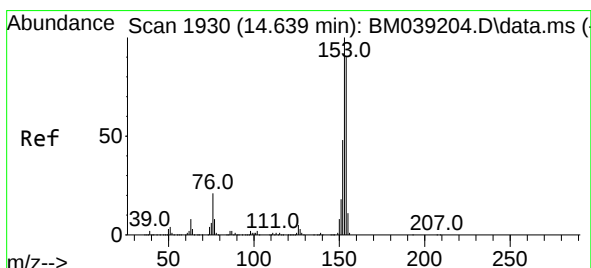
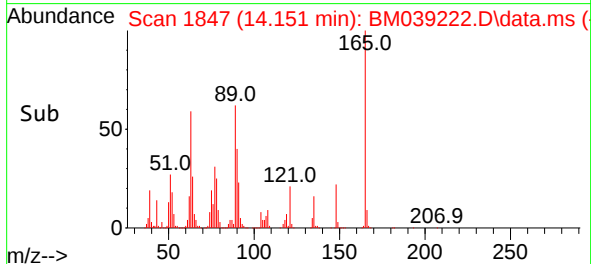
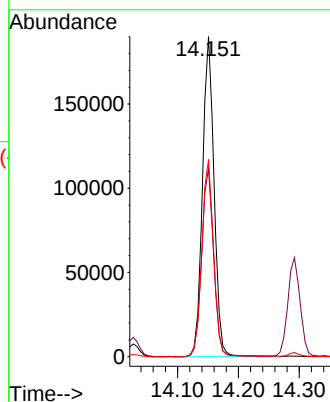
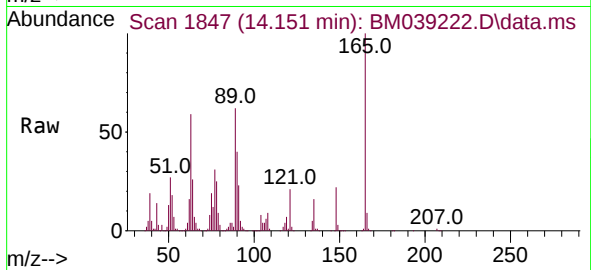




#51
2,6-Dinitrotoluene
Concen: 31.036 ng
RT: 14.151 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

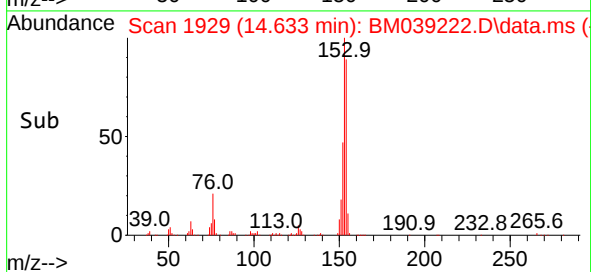
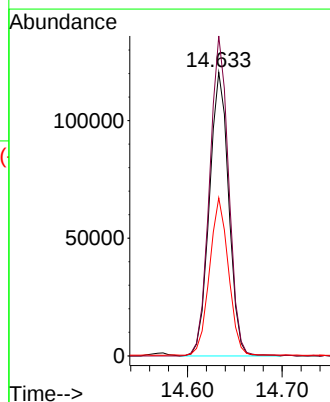
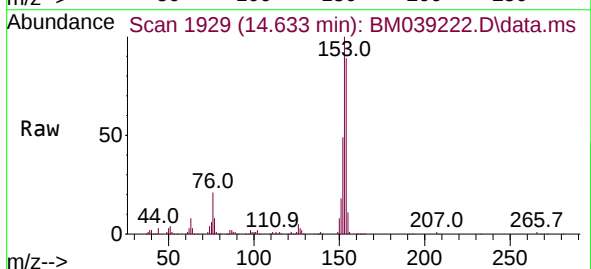
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

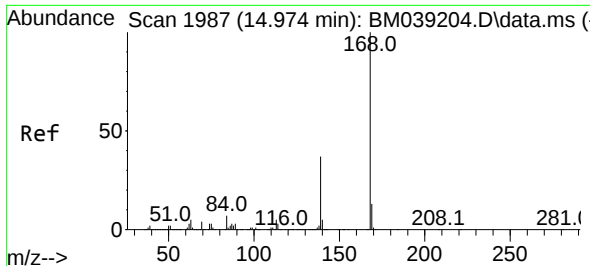
Tgt Ion:165 Resp: 250115
Ion Ratio Lower Upper
165 100
63 58.8 44.9 67.3
89 61.6 45.4 68.0



#52
Acenaphthene
Concen: 6.059 ng
RT: 14.633 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion:154 Resp: 170976
Ion Ratio Lower Upper
154 100
153 112.9 89.1 133.7
152 55.7 42.6 64.0

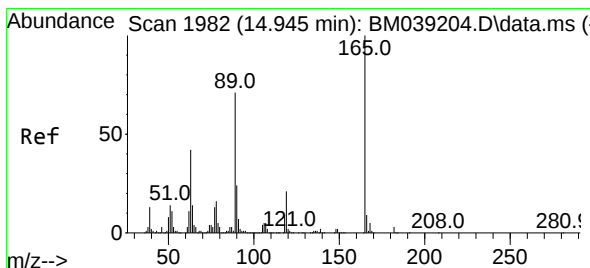
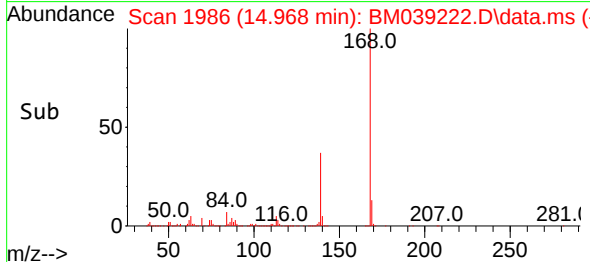
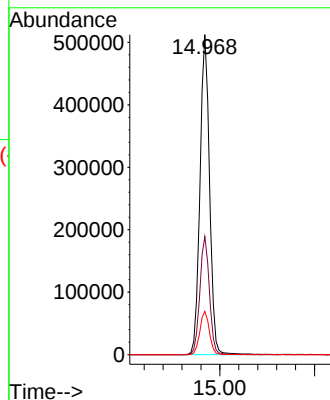
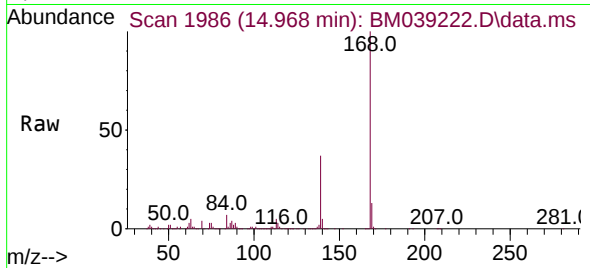




#55
Dibenzenofuran
Concen: 15.818 ng
RT: 14.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

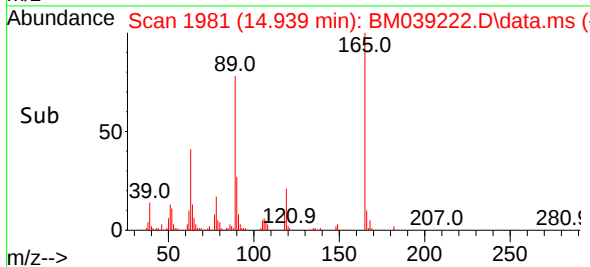
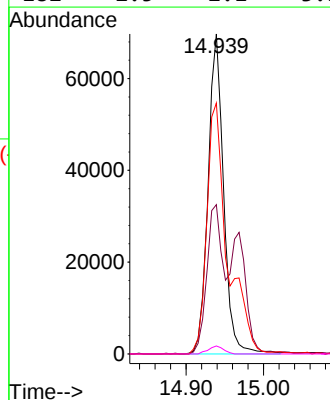
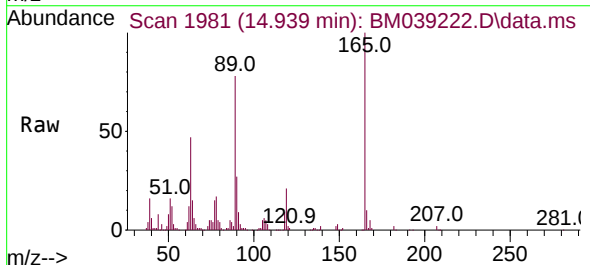
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

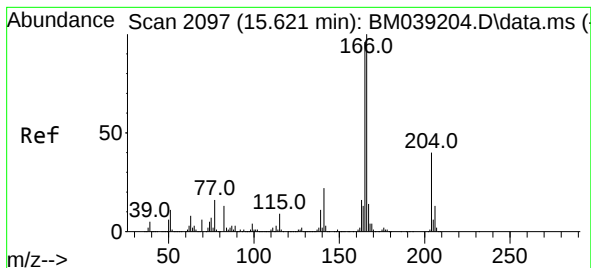
Tgt Ion:168 Resp: 718589
Ion Ratio Lower Upper
168 100
139 36.9 29.4 44.2
169 13.5 10.6 15.8



#57
2,4-Dinitrotoluene
Concen: 8.907 ng
RT: 14.939 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion:165 Resp: 97106
Ion Ratio Lower Upper
165 100
63 46.6 33.5 50.3
89 78.4 56.7 85.1
182 2.5 2.1 3.1





#58

Fluorene

Concen: 13.895 ng

RT: 15.615 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

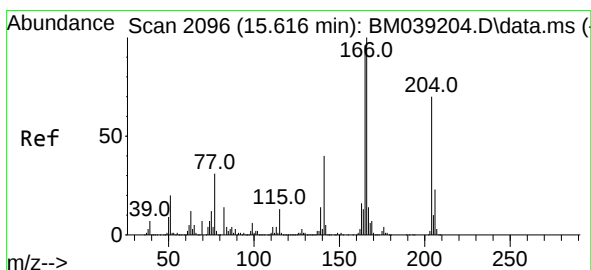
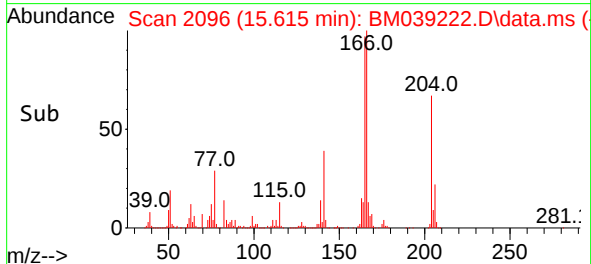
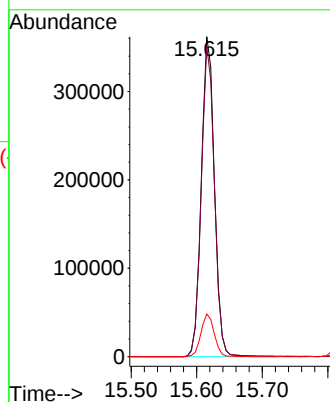
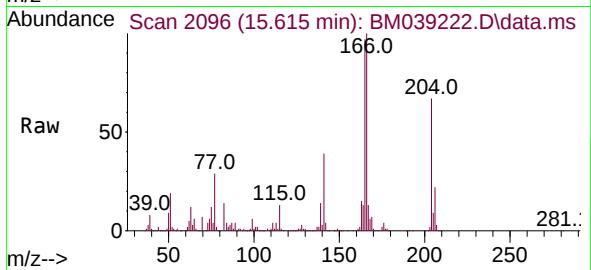
Tgt Ion:166 Resp: 499827

Ion Ratio Lower Upper

166 100

165 97.0 76.9 115.3

167 13.3 10.8 16.2



#61

4-Chlorophenyl-phenylether

Concen: 19.753 ng

RT: 15.610 min Scan# 2095

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

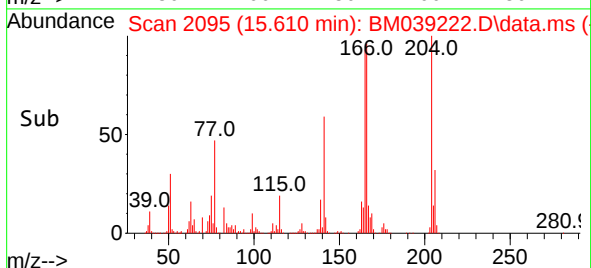
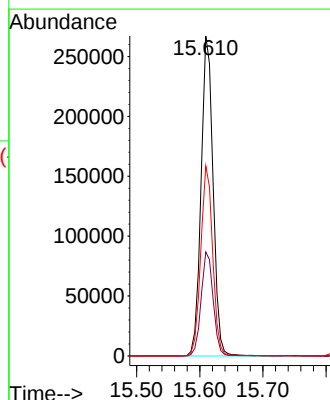
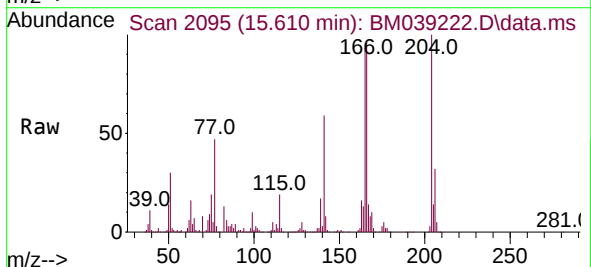
Tgt Ion:204 Resp: 352147

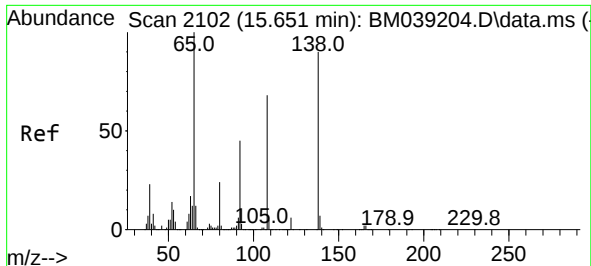
Ion Ratio Lower Upper

204 100

206 32.5 26.1 39.1

141 59.4 45.8 68.6

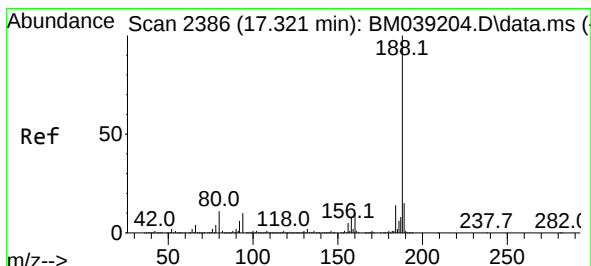
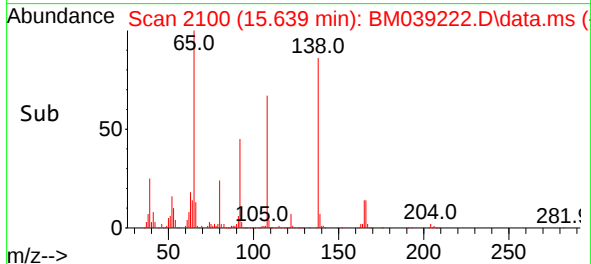
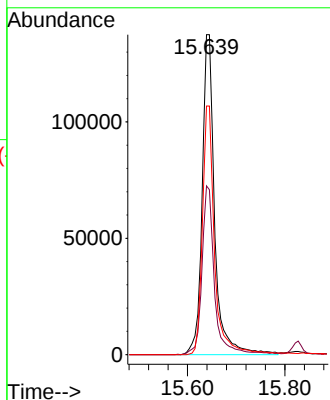
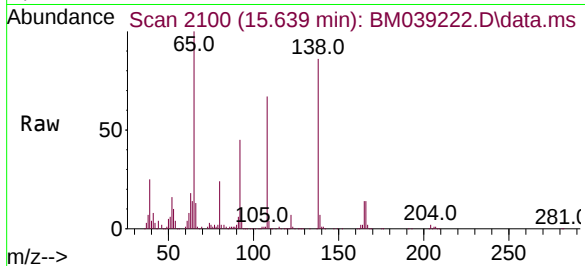




#62
4-Nitroaniline
Concen: 25.713 ng
RT: 15.639 min Scan# 2102
Delta R.T. -0.012 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

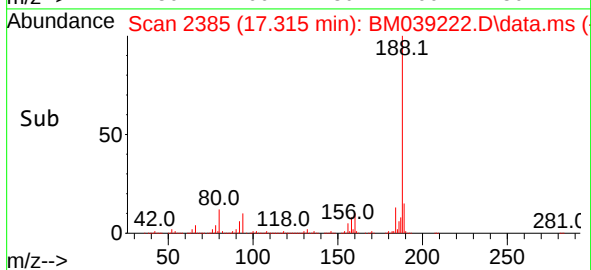
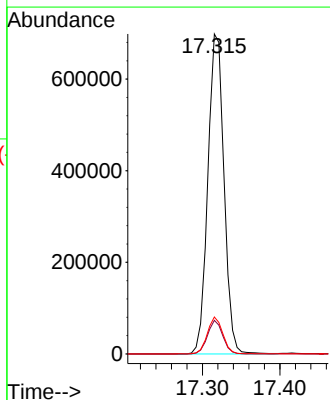
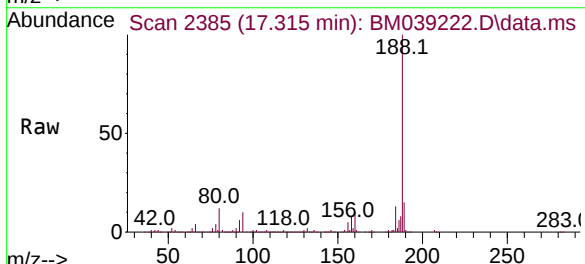
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

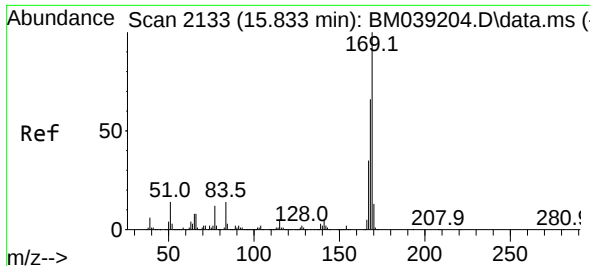
Tgt Ion:138 Resp: 245828
Ion Ratio Lower Upper
138 100
92 52.7 30.5 70.5
108 77.7 55.5 95.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion:188 Resp: 1011999
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.4
80 11.5 8.9 13.3

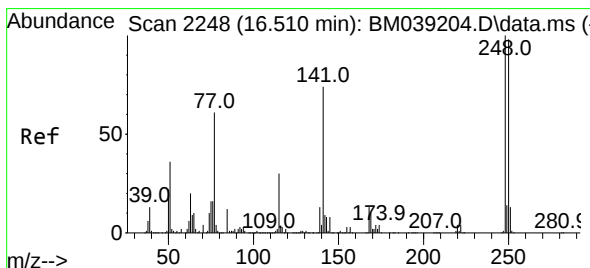
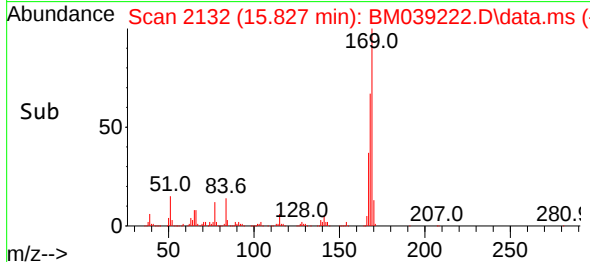
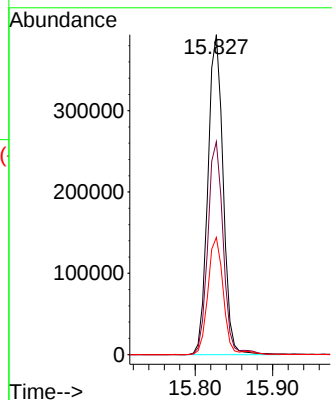
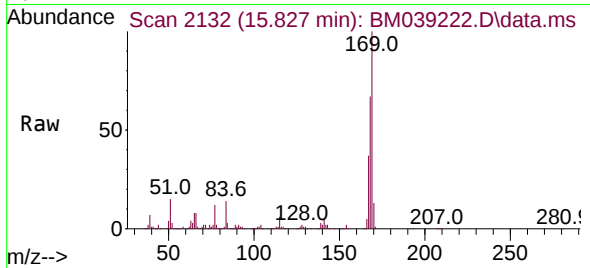




#66
n-Nitrosodiphenylamine
Concen: 16.832 ng
RT: 15.827 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

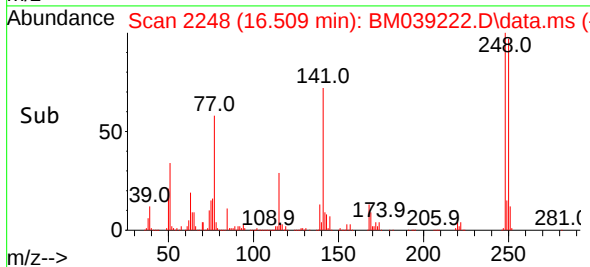
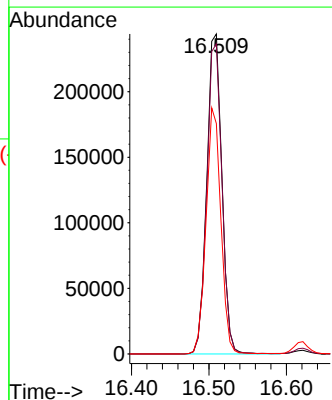
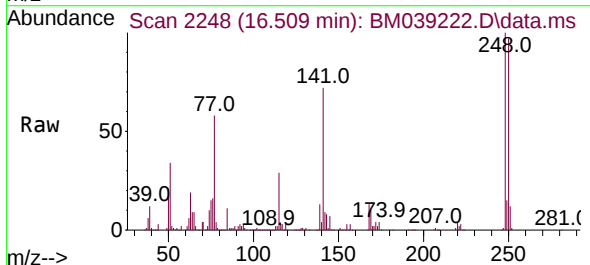
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

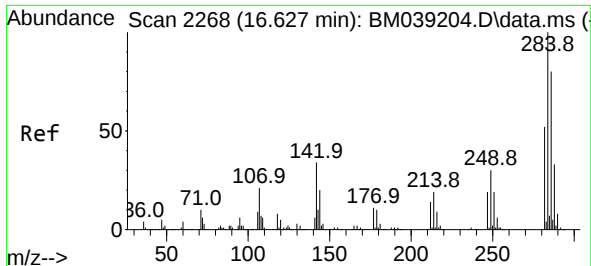
Tgt Ion:169 Resp: 536782
Ion Ratio Lower Upper
169 100
168 66.5 52.8 79.2
167 36.6 28.4 42.6



#67
4-Bromophenyl-phenylether
Concen: 30.598 ng
RT: 16.509 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion:248 Resp: 330693
Ion Ratio Lower Upper
248 100
250 96.9 78.8 118.2
141 72.0 58.8 88.2

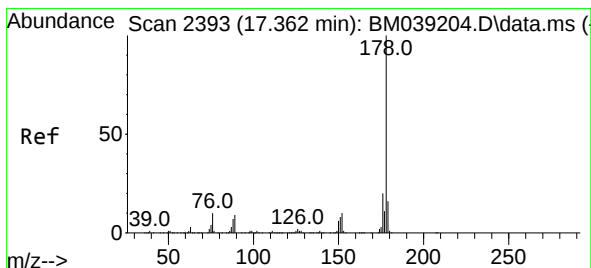
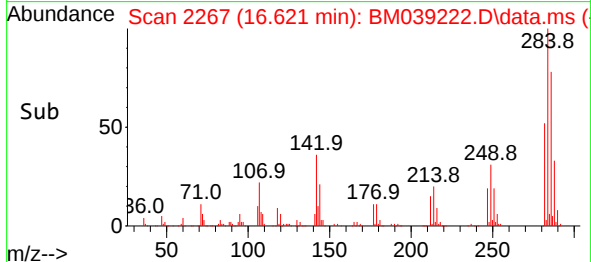
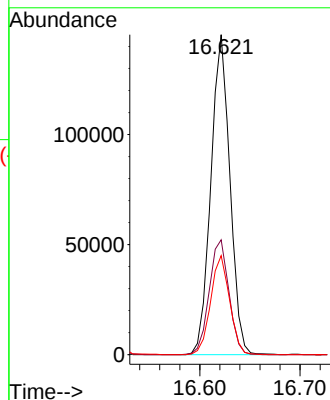
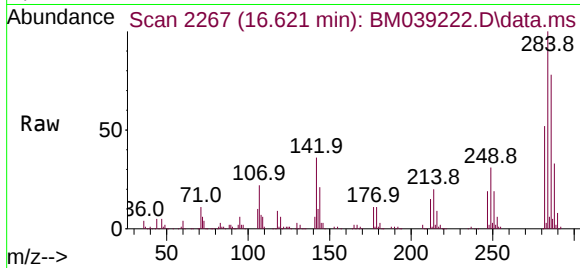




#68
Hexachlorobenzene
Concen: 16.329 ng
RT: 16.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

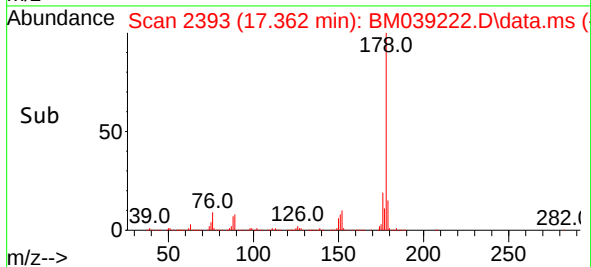
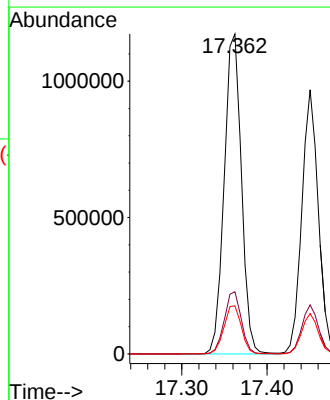
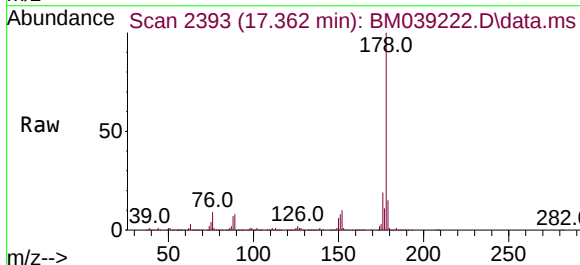
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

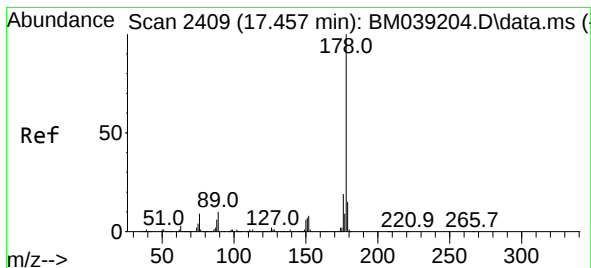
Tgt Ion:284 Resp: 191348
Ion Ratio Lower Upper
284 100
142 35.9 27.4 41.2
249 30.9 24.4 36.6



#71
Phenanthrene
Concen: 29.680 ng
RT: 17.362 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion:178 Resp: 1645019
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.0 12.4 18.6





#72

Anthracene

Concen: 23.443 ng

RT: 17.451 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

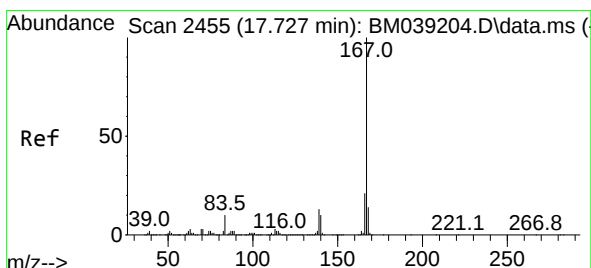
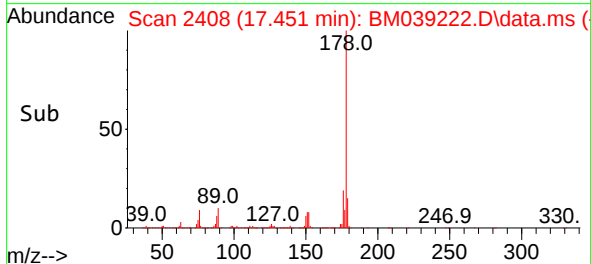
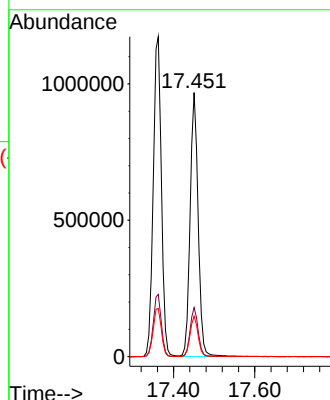
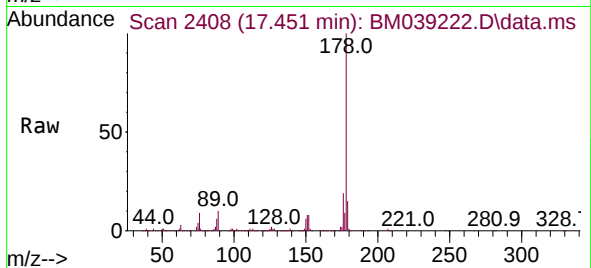
Tgt Ion:178 Resp: 1324907

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.3 12.2 18.2



#73

Carbazole

Concen: 20.104 ng

RT: 17.727 min Scan# 2455

Delta R.T. -0.000 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

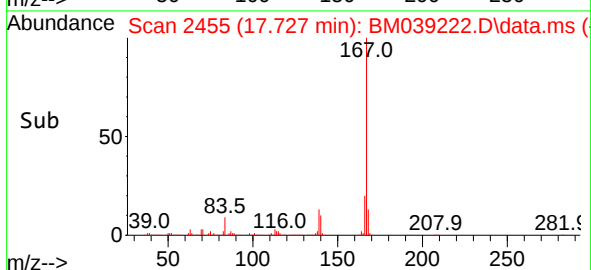
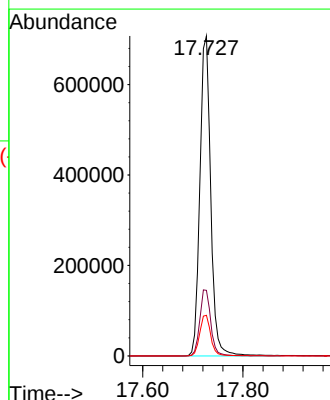
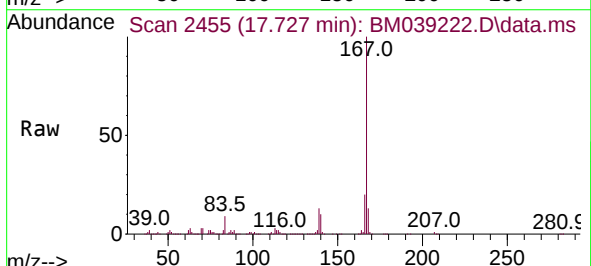
Tgt Ion:167 Resp: 1061674

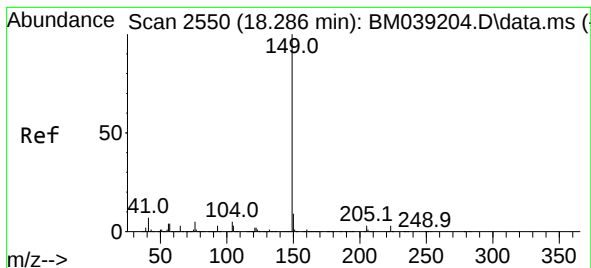
Ion Ratio Lower Upper

167 100

166 20.5 17.2 25.8

139 12.7 10.6 16.0





#74

Di-n-butylphthalate

Concen: 16.177 ng

RT: 18.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

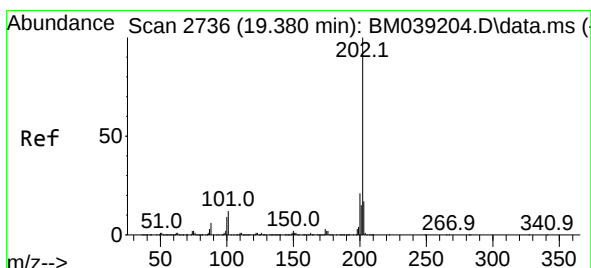
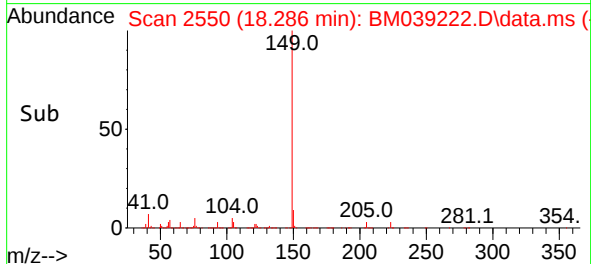
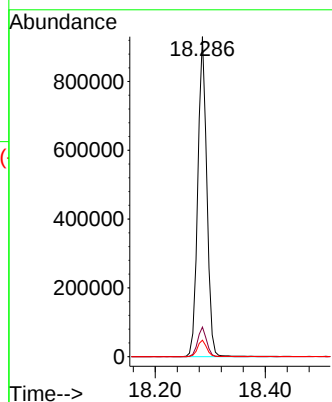
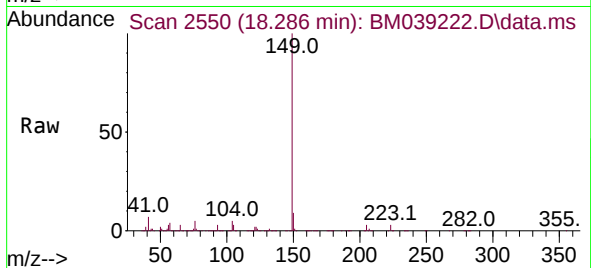
Tgt Ion:149 Resp: 1056757

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.1 4.1 6.1



#75

Fluoranthene

Concen: 14.704 ng

RT: 19.374 min Scan# 2735

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

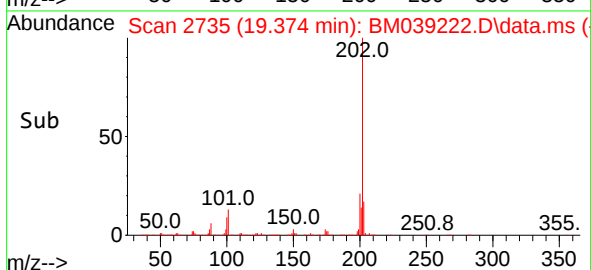
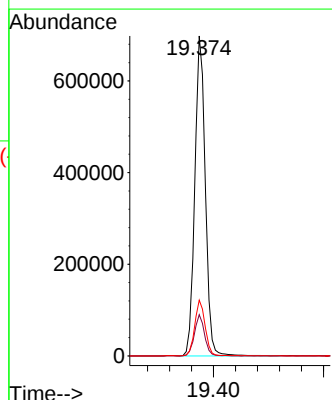
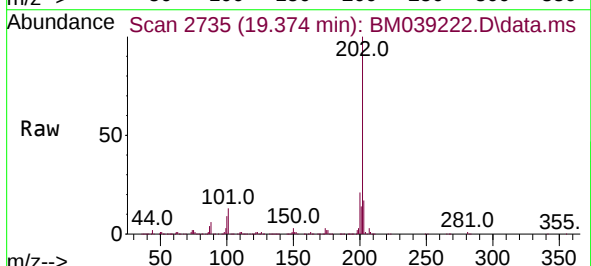
Tgt Ion:202 Resp: 928987

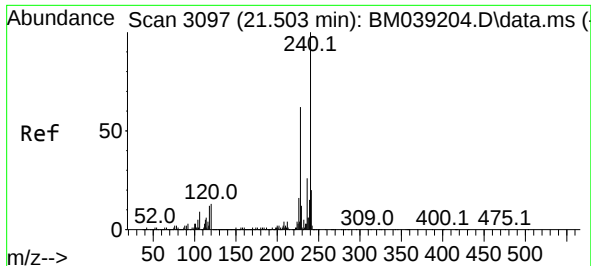
Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.5

203 17.4 0.0 37.5

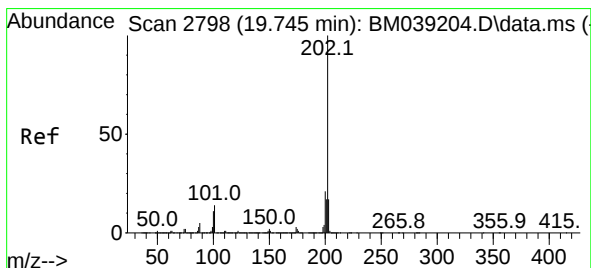
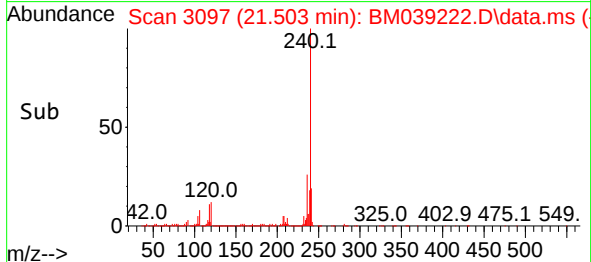
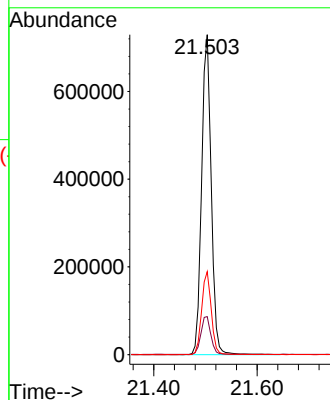
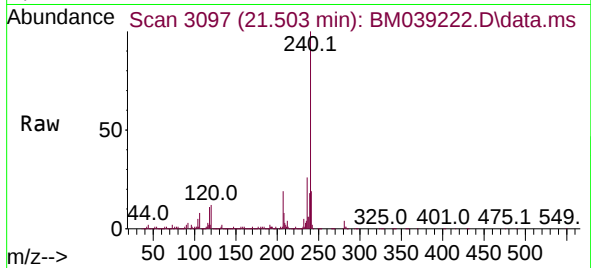




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

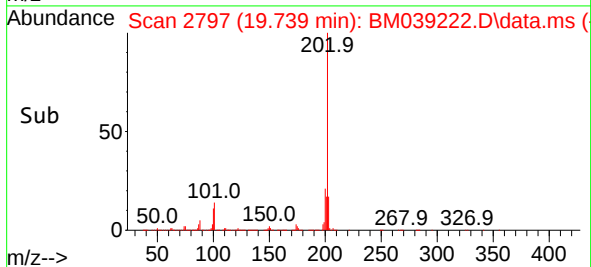
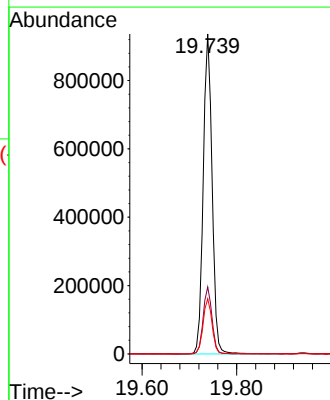
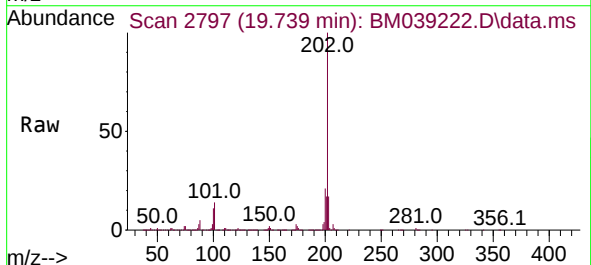
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

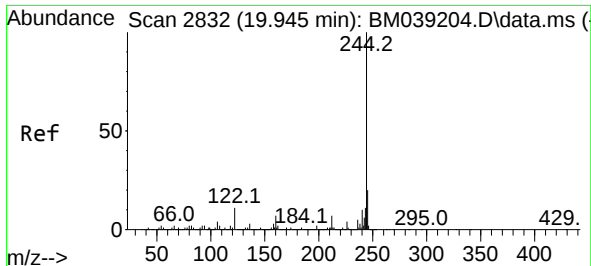
Tgt Ion:240 Resp: 938084
Ion Ratio Lower Upper
240 100
120 11.9 10.2 15.2
236 26.0 20.9 31.3



#78
Pyrene
Concen: 18.210 ng
RT: 19.739 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BM039222.D
Acq: 30 Mar 2023 11:33

Tgt Ion:202 Resp: 1216114
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.2 13.9 20.9

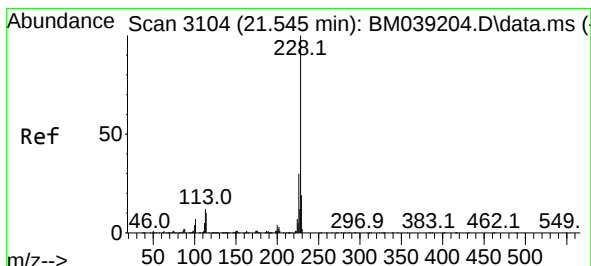
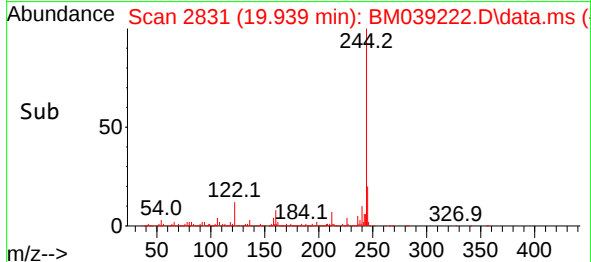
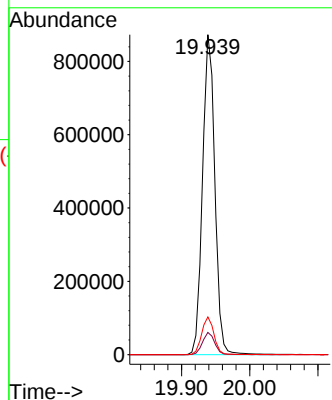
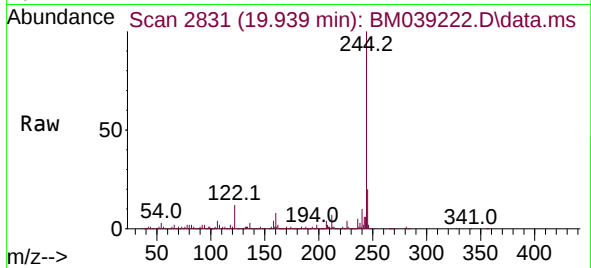




#79
 Terphenyl-d14
 Concen: 21.619 ng
 RT: 19.939 min Scan# 2832
 Delta R.T. -0.006 min
 Lab File: BM039222.D
 Acq: 30 Mar 2023 11:33

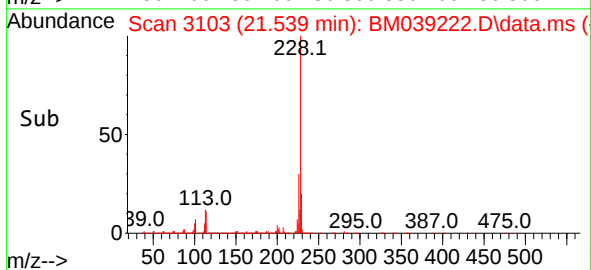
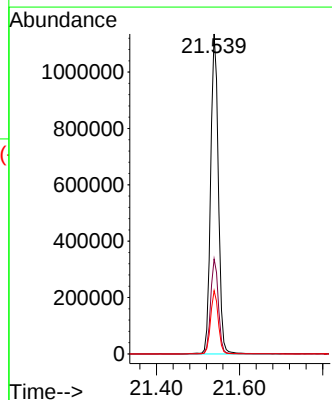
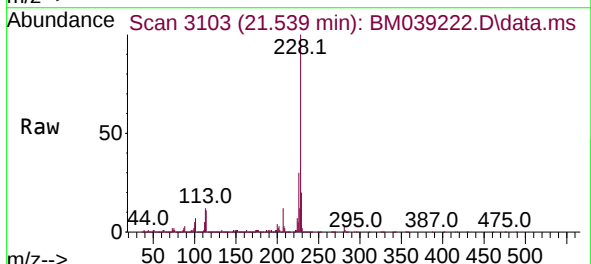
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

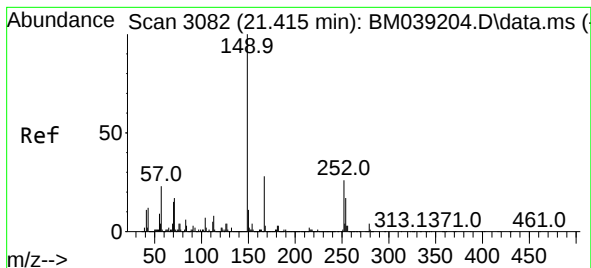
Tgt Ion:244 Resp: 1097712
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.8 9.1 13.7



#83
 Chrysene
 Concen: 22.856 ng
 RT: 21.539 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BM039222.D
 Acq: 30 Mar 2023 11:33

Tgt Ion:228 Resp: 1459770
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 19.8 15.5 23.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 31.576 ng

RT: 21.409 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

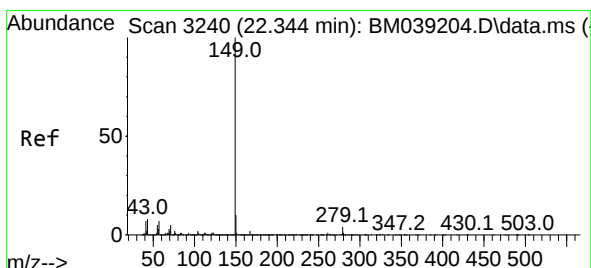
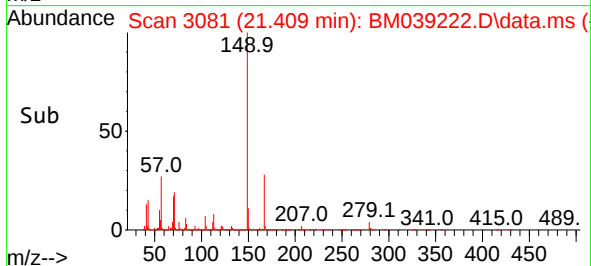
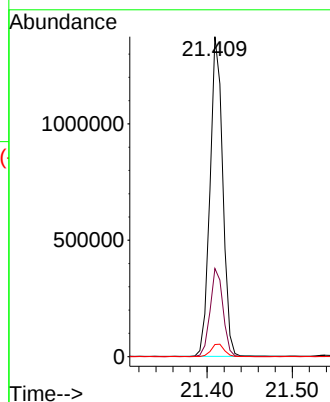
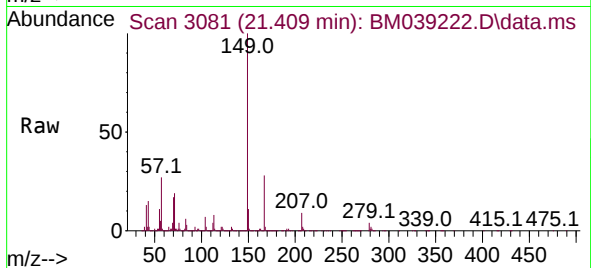
Tgt Ion:149 Resp: 1426796

Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

279 3.8 3.4 5.2



#85

Di-n-octyl phthalate

Concen: 27.972 ng

RT: 22.344 min Scan# 3240

Delta R.T. -0.000 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

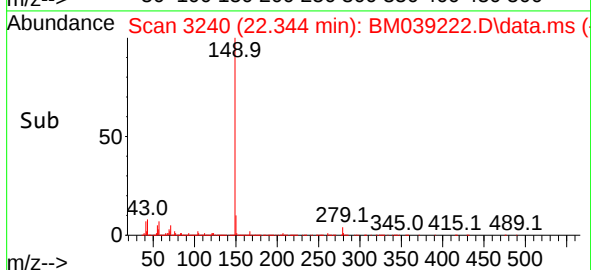
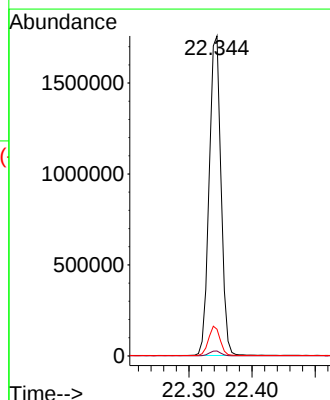
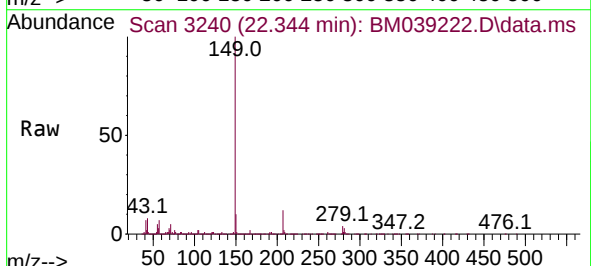
Tgt Ion:149 Resp: 2277161

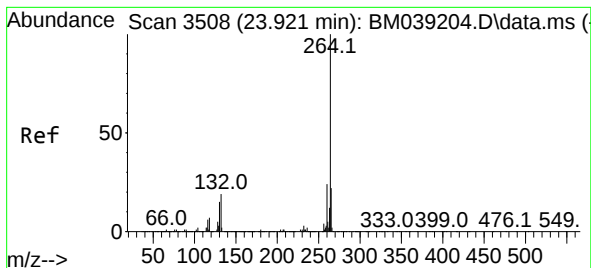
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.1 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.915 min Scan# 3508

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

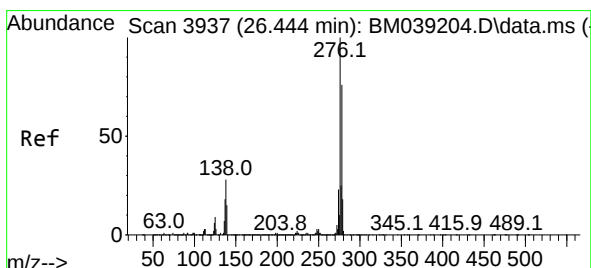
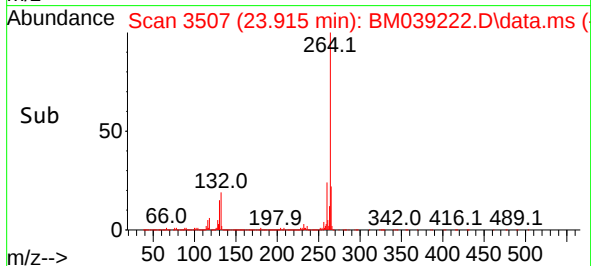
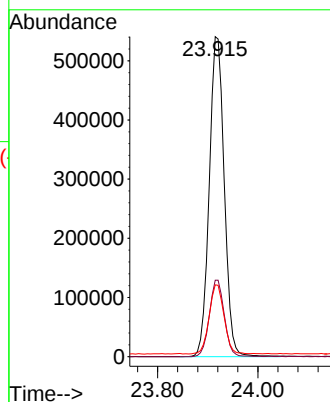
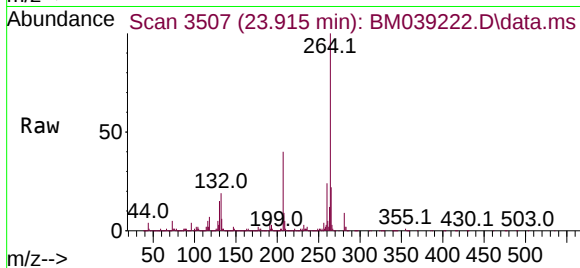
Tgt Ion:264 Resp: 1121731

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.5 18.1 27.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.469 ng

RT: 26.444 min Scan# 3937

Delta R.T. -0.000 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

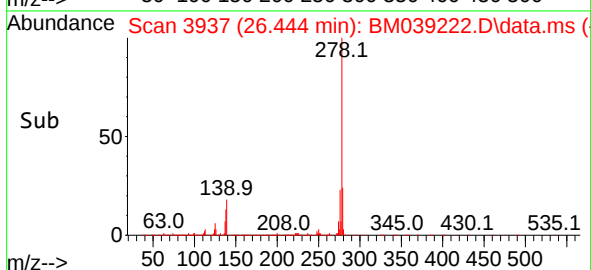
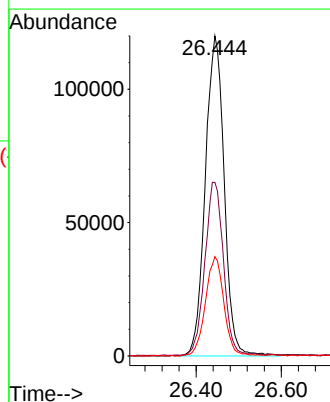
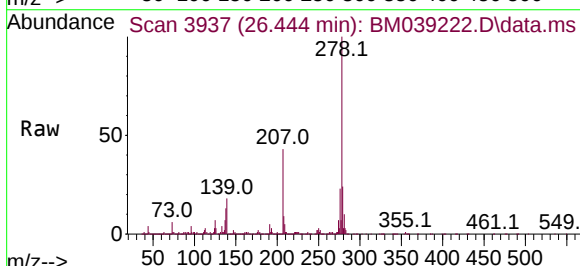
Tgt Ion:276 Resp: 369338

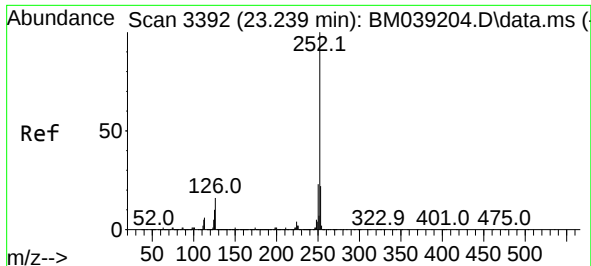
Ion Ratio Lower Upper

276 100

138 53.1 22.2 33.2#

277 30.4 20.2 30.2#





#89

Benzo(k)fluoranthene

Concen: 22.597 ng

RT: 23.227 min Scan# 3392

Delta R.T. -0.012 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

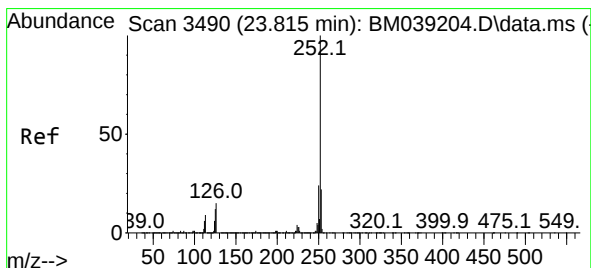
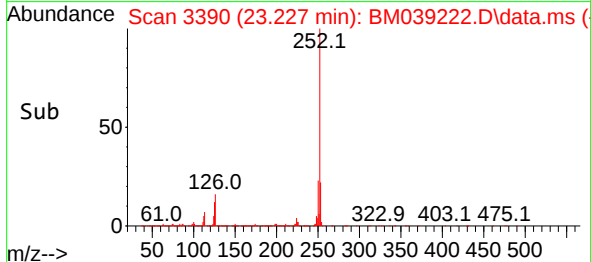
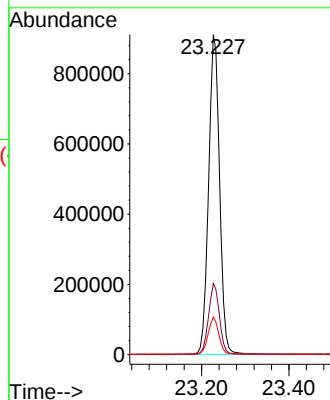
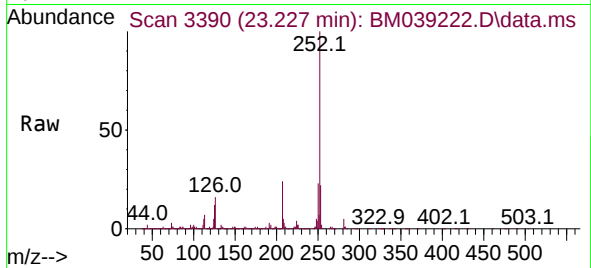
Tgt Ion:252 Resp: 1579844

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.7 8.5 12.7



#90

Benzo(a)pyrene

Concen: 37.594 ng

RT: 23.809 min Scan# 3489

Delta R.T. -0.006 min

Lab File: BM039222.D

Acq: 30 Mar 2023 11:33

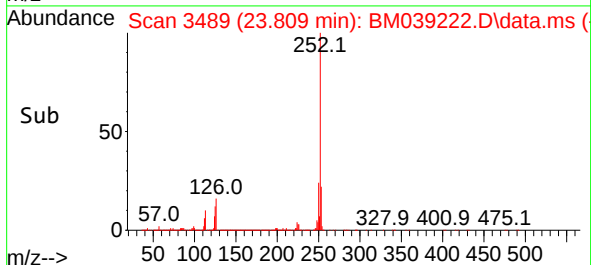
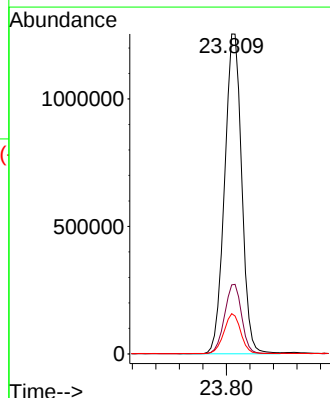
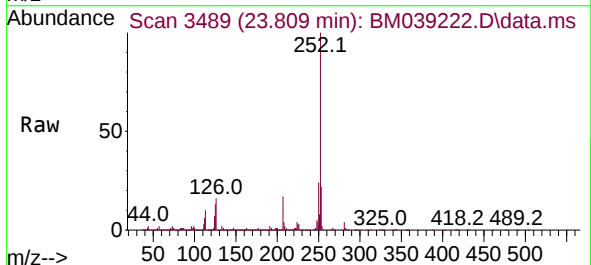
Tgt Ion:252 Resp: 2534794

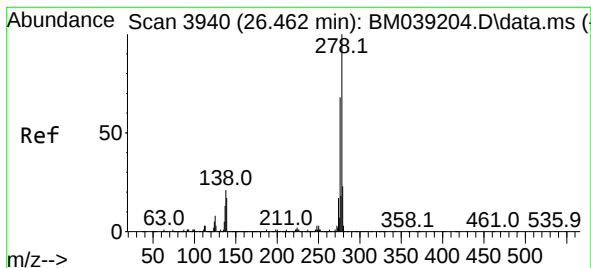
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 12.6 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 22.784 ng

RT: 26.444 min Scan# 39

Delta R.T. -0.018 min

Lab File: BM039222.D

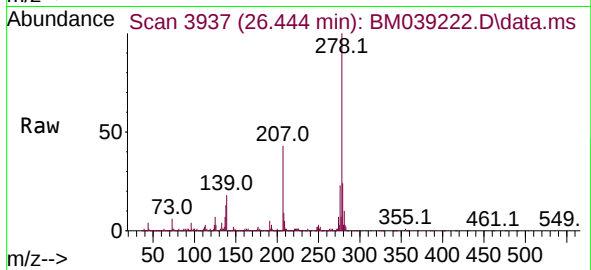
Acq: 30 Mar 2023 11:33

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL



Tgt Ion:278 Resp: 1581224

Ion Ratio Lower Upper

278 100

139 17.8 13.9 20.9

279 24.3 18.8 28.2

