

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041902.D
 Acq On : 19 Sep 2023 10:11
 Operator : MA/JU
 Sample : 04346-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Quant Time: Sep 19 11:13:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	265976	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1108811	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	682381	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1453798	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1239570	20.000	ng	0.00
86) Perylene-d12	23.968	264	1195255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	2824402	176.871	ng	0.00
7) Phenol-d6	7.110	99	3839279	173.158	ng	0.00
23) Nitrobenzene-d5	9.163	82	2469371	113.390	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1263161	148.362	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5341686	114.897	ng	0.00
79) Terphenyl-d14	19.974	244	8155834	119.833	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	7.398	93	3451218	117.488	ng	# 55
10) Phenol	7.398	94	113981	5.008	ng	# 1
11) bis(2-Chloroethyl)ether	7.398	93	3451218	181.794	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.469	45	2619905	90.236	ng	99
18) Hexachloroethane	9.028	117	500819	69.076	ng	97
19) n-Nitroso-di-n-propyla...	8.786	70	2922064	177.289	ng	98
24) Nitrobenzene	9.210	77	4060827	187.865	ng	98
28) bis(2-Chloroethoxy)met...	10.192	93	3520058	140.120	ng	99
30) 1,2,4-Trichlorobenzene	10.633	180	3295343	189.422	ng	98
31) Naphthalene	10.833	128	2075619	37.183	ng	100
33) 4-Chloroaniline	10.833	127	266539	10.668	ng	# 31
37) 2-Methylnaphthalene	12.439	142	2655291	64.695	ng	99
38) 1-Methylnaphthalene	12.439	142	2655291	68.884	ng	96
41) Hexachlorocyclopentadiene	12.739	237	2372226	213.186	ng	99
49) Acenaphthylene	14.351	152	10655408	175.113	ng	98
50) Dimethylphthalate	14.080	163	8982417	178.054	ng	100
51) 2,6-Dinitrotoluene	14.221	165	753653	70.495	ng	95
52) Acenaphthene	14.680	154	4612494	126.031	ng	99
53) 3-Nitroaniline	14.563	138	1455447	121.633	ng	99
55) Dibenzofuran	15.015	168	2839294	48.061	ng	98
56) 4-Nitrophenol	14.680	139	34157	3.599	ng	# 51
57) 2,4-Dinitrotoluene	15.004	165	2767497	195.660	ng	93
58) Fluorene	15.663	166	3678841	78.987	ng	100
60) Diethylphthalate	15.421	149	3433334	68.418	ng	99
62) 4-Nitroaniline	15.663	138	39397	3.424	ng	# 19
63) Azobenzene	15.874	77	397170	7.807	ng	# 1
66) n-Nitrosodiphenylamine	15.874	169	3200604	77.950	ng	100
71) Phenanthrene	17.409	178	6976491	96.221	ng	99
72) Anthracene	17.504	178	7130045	96.400	ng	99
73) Carbazole	17.786	167	7804088	115.071	ng	100
74) Di-n-butylphthalate	18.304	149	12853116	147.623	ng	98
75) Fluoranthene	19.421	202	4762230	55.947	ng	99
78) Pyrene	19.786	202	7679209	89.033	ng	99
80) Butylbenzylphthalate	20.662	149	5860583	152.773	ng	94
81) Benzo(a)anthracene	21.527	228	7128536	88.175	ng	99
83) Chrysene	21.527	228	7128536	94.072	ng	97

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QLast Update : Tue Sep 19 04:49:34 2023
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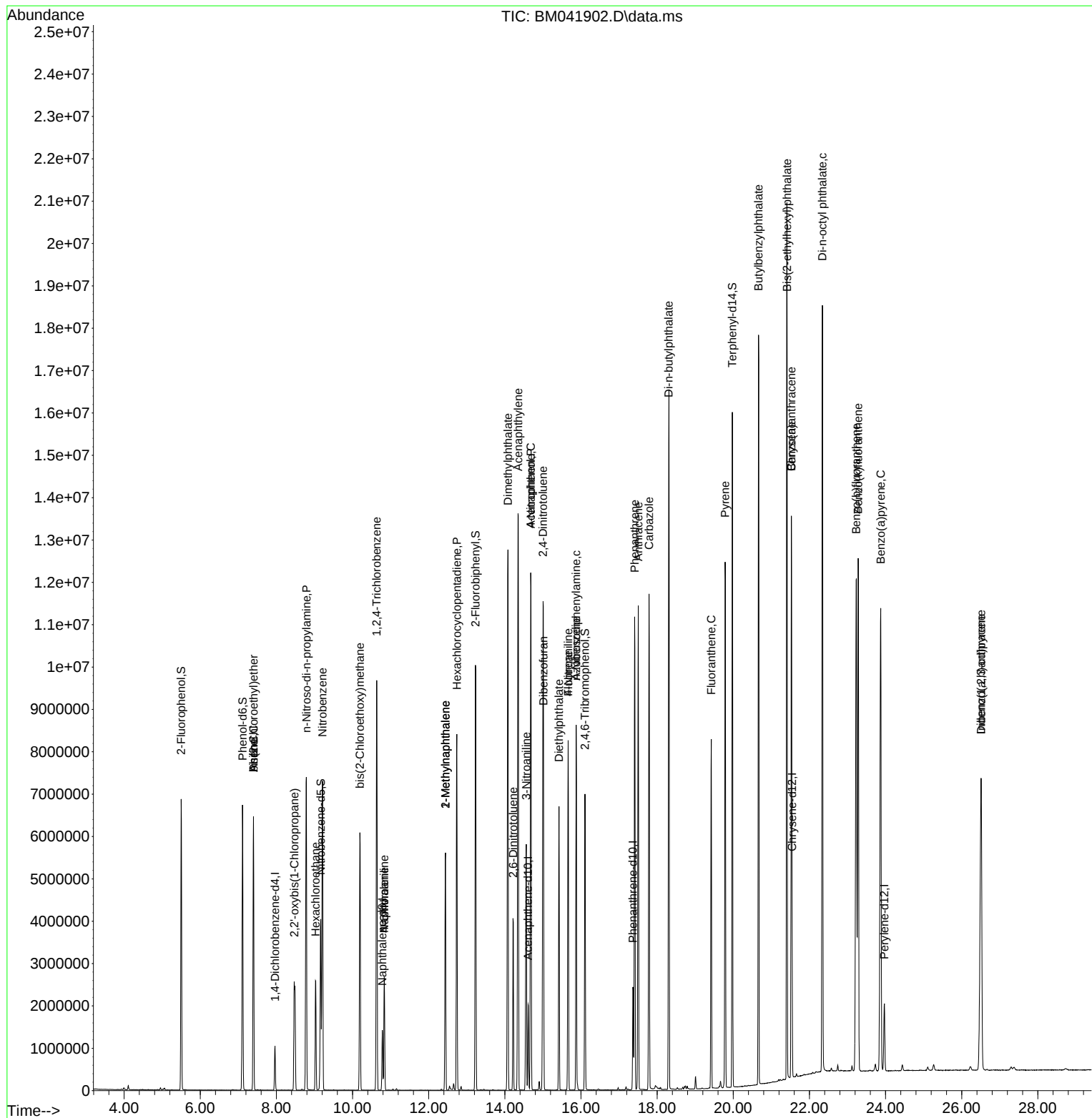
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phtha...	21.409	149	8376727	147.194	ng	# 97
85) Di-n-octyl phthalate	22.339	149	14552829	151.916	ng	99
87) Indeno(1,2,3-cd)pyrene	26.509	276	2054819	28.793	ng	# 74
88) Benzo(b)fluoranthene	23.233	252	10615788	152.127	ng	98
89) Benzo(k)fluoranthene	23.280	252	8531222	123.717	ng	99
90) Benzo(a)pyrene	23.874	252	9697758	148.102	ng	98
91) Dibenzo(a,h)anthracene	26.509	278	8597966	144.516	ng	98

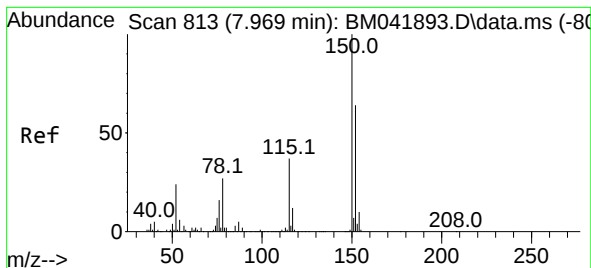
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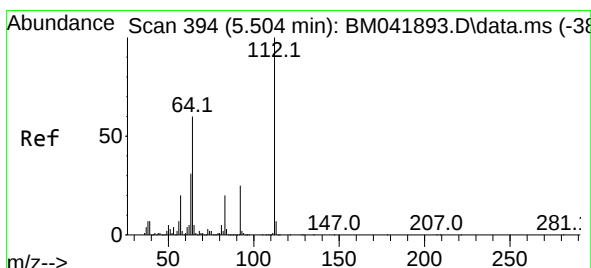
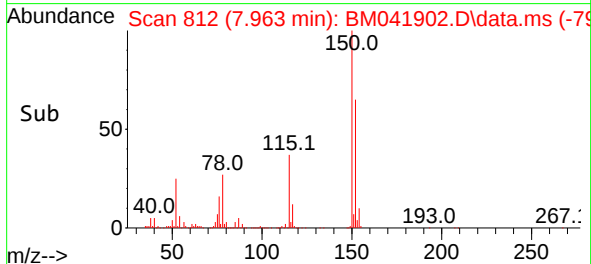
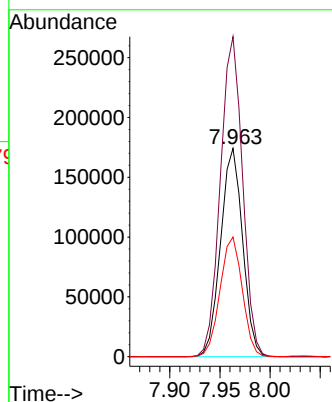
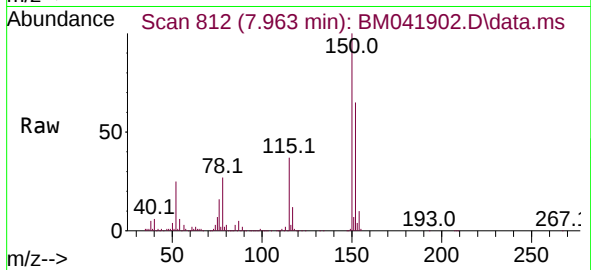




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

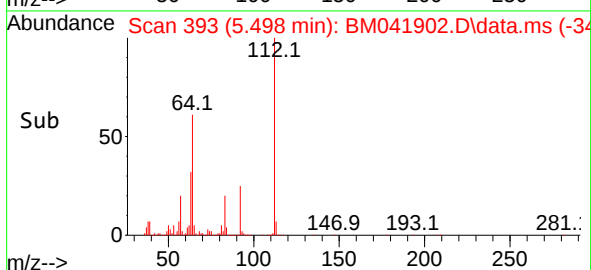
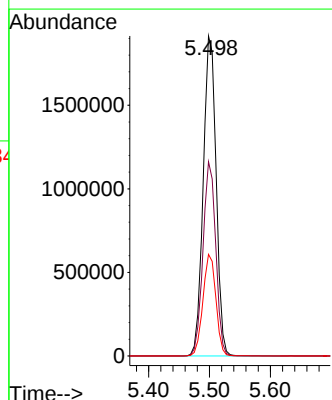
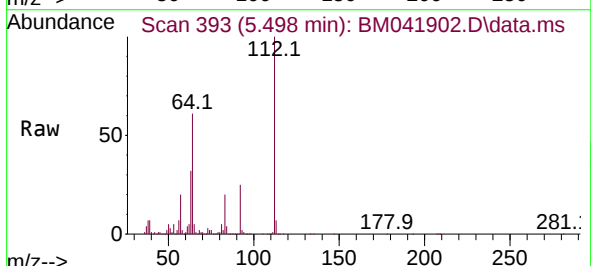
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

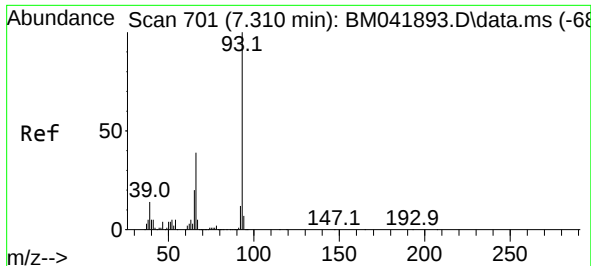
Tgt Ion:152 Resp: 265976
Ion Ratio Lower Upper
152 100
150 153.7 125.9 188.9
115 57.4 46.8 70.2



#5
2-Fluorophenol
Concen: 176.871 ng
RT: 5.498 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:112 Resp: 2824402
Ion Ratio Lower Upper
112 100
64 60.7 48.1 72.1
63 31.8 25.0 37.6

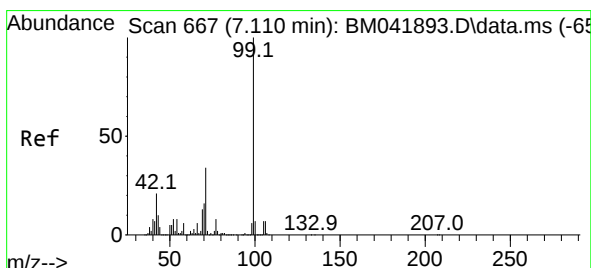
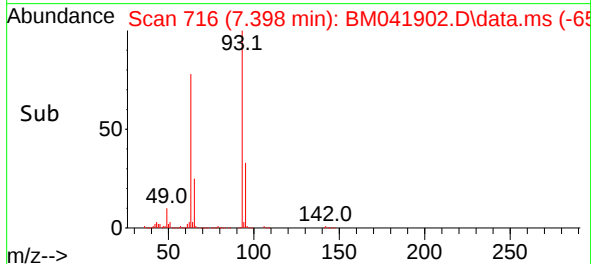
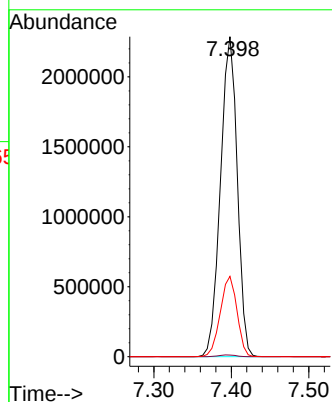
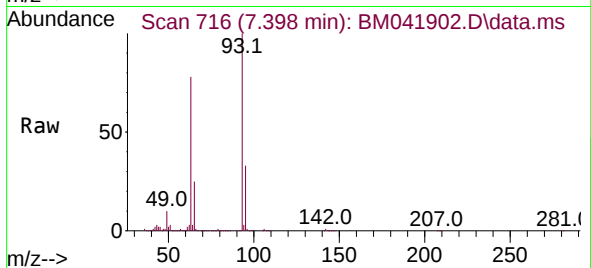




#6
Aniline
Concen: 117.488 ng
RT: 7.398 min Scan# 716
Delta R.T. 0.088 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

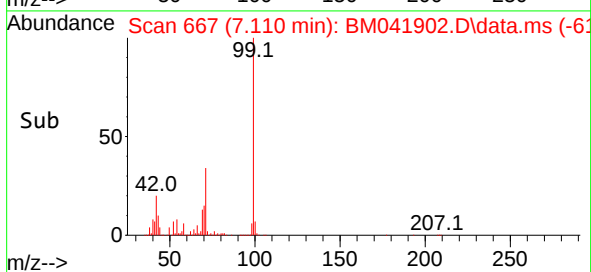
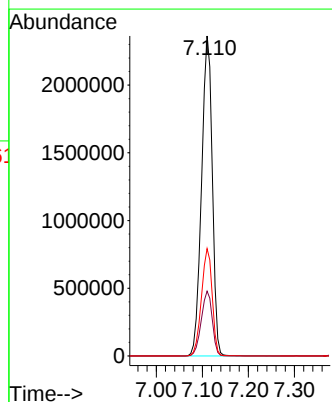
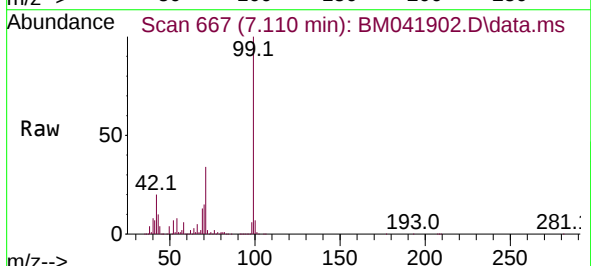
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

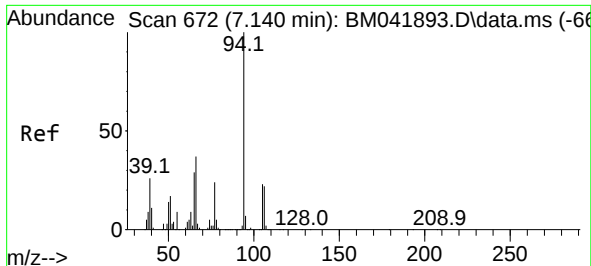
Tgt Ion: 93 Resp: 3451218
Ion Ratio Lower Upper
93 100
66 0.5 31.4 47.2#
65 25.1 16.2 24.4#



#7
Phenol-d6
Concen: 173.158 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion: 99 Resp: 3839279
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 33.6 26.8 40.2

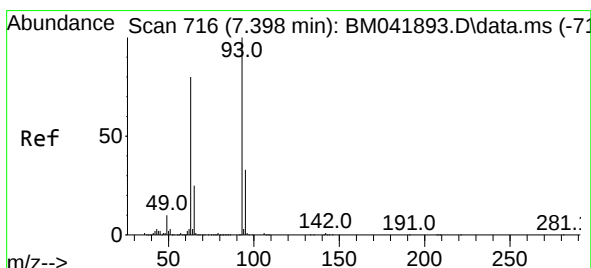
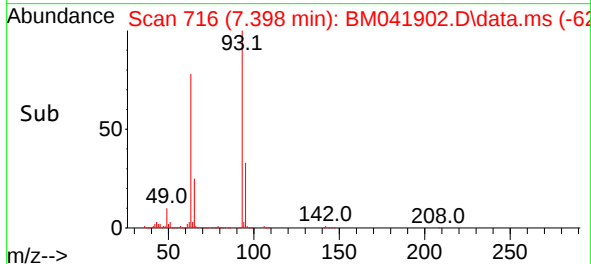
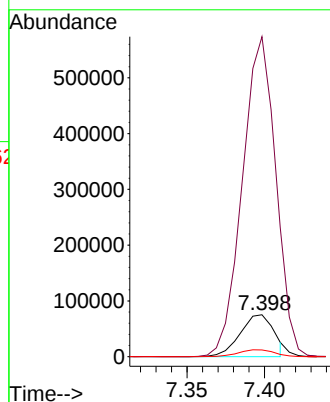
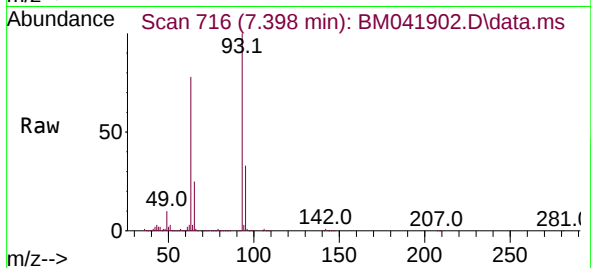




#10
Phenol
Concen: 5.008 ng
RT: 7.398 min Scan# 716
Delta R.T. 0.259 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

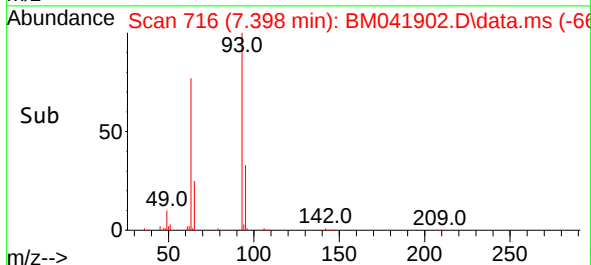
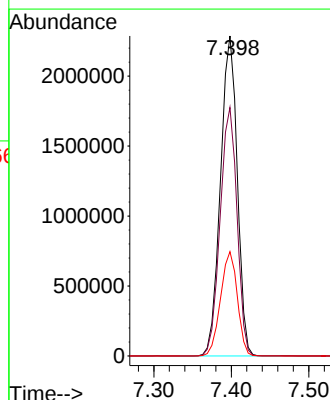
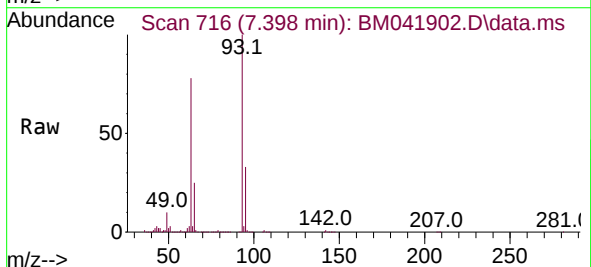
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

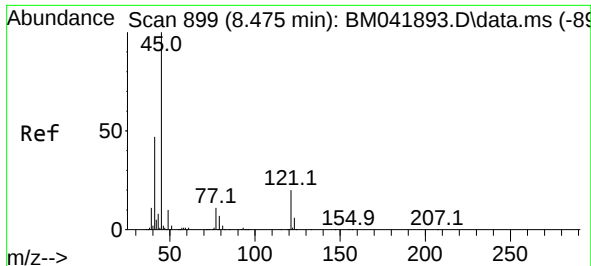
Tgt Ion: 94 Resp: 113981
Ion Ratio Lower Upper
94 100
65 761.8 9.1 49.1#
66 16.1 17.3 57.3#



#11
bis(2-Chloroethyl)ether
Concen: 181.794 ng
RT: 7.398 min Scan# 716
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion: 93 Resp: 3451218
Ion Ratio Lower Upper
93 100
63 77.6 59.5 99.5
95 32.6 12.9 52.9

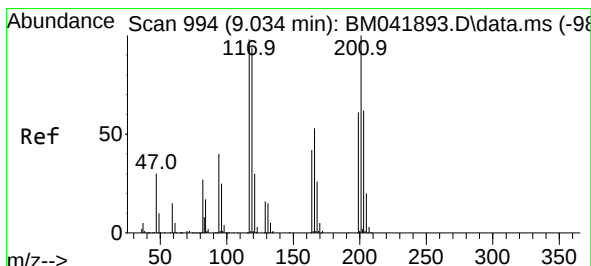
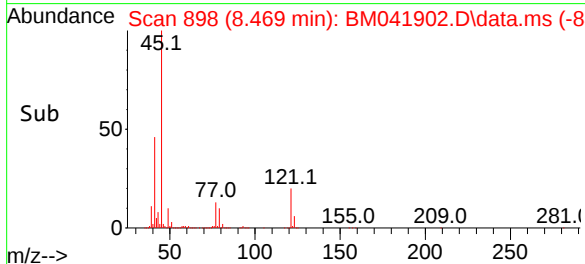
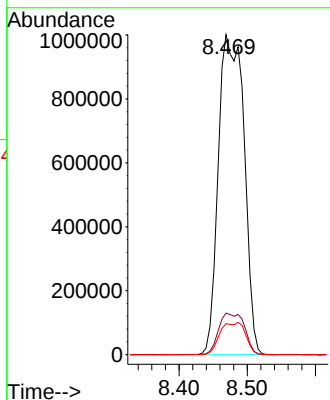
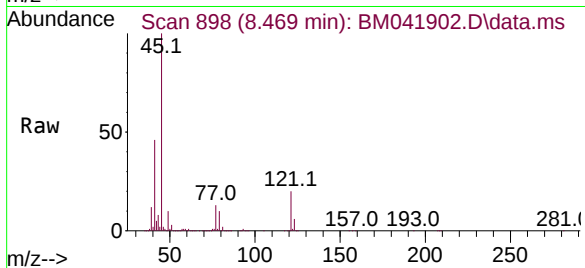




#16
2,2'-oxybis(1-Chloropropane)
Concen: 90.236 ng
RT: 8.469 min Scan# 899
Delta R.T. -0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

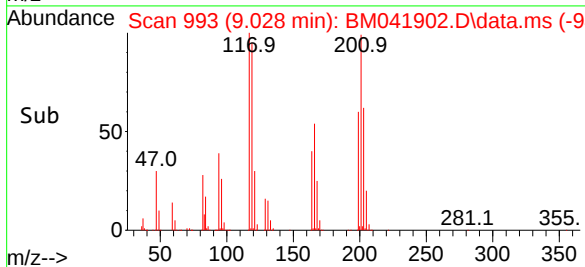
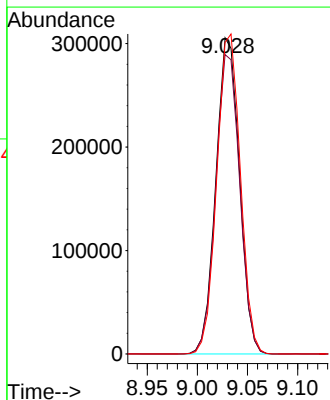
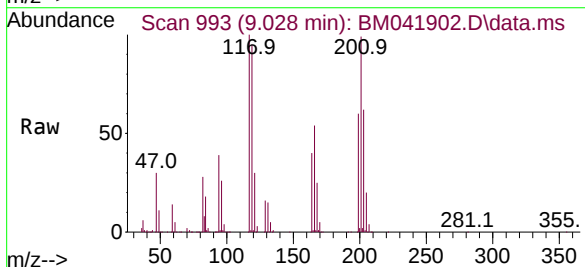
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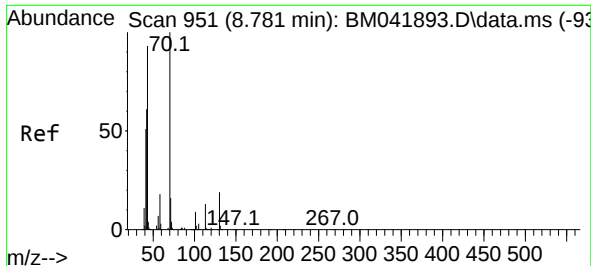
Tgt Ion: 45 Resp: 2619905
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.4
79 9.7 0.0 29.6



#18
Hexachloroethane
Concen: 69.076 ng
RT: 9.028 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion: 117 Resp: 500819
Ion Ratio Lower Upper
117 100
119 94.7 77.2 115.8
201 98.5 81.9 122.9

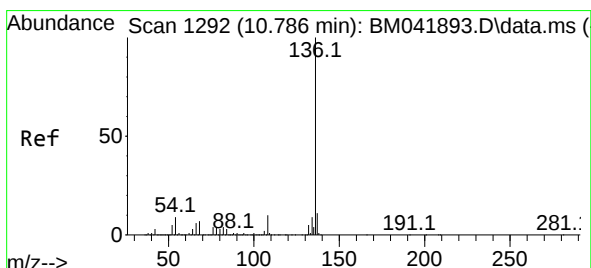
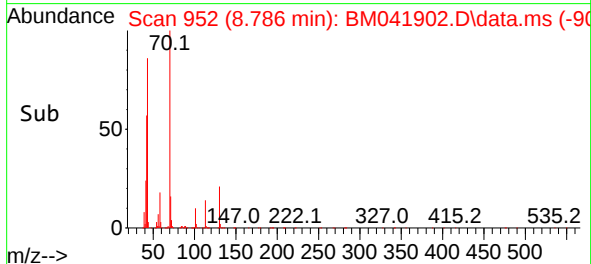
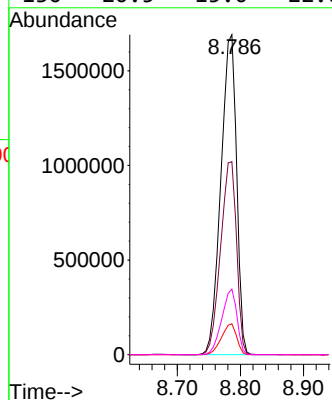
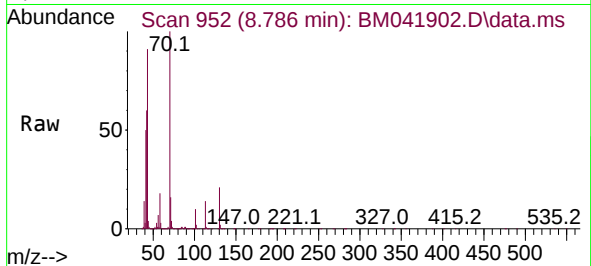




#19
n-Nitroso-di-n-propylamine
Concen: 177.289 ng
RT: 8.786 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

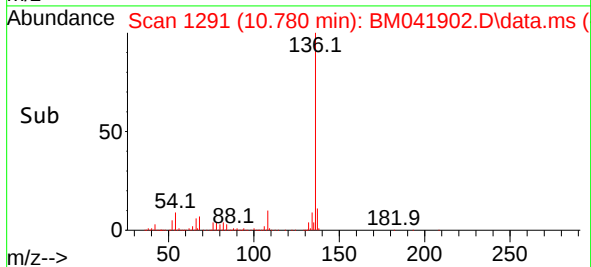
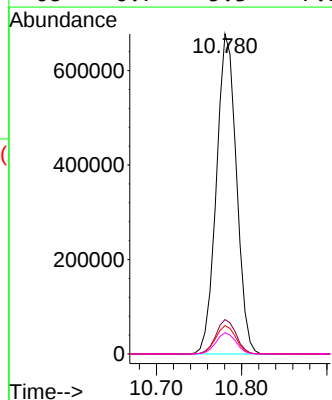
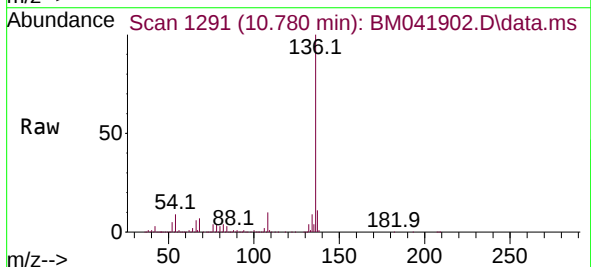
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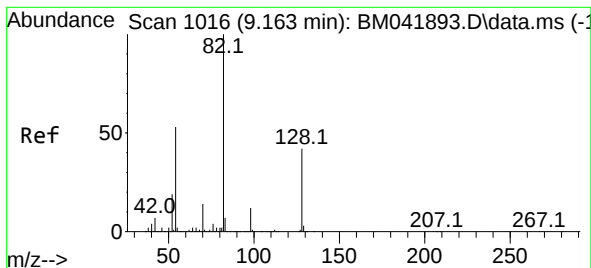
Tgt Ion: 70 Resp: 2922064
Ion Ratio Lower Upper
70 100
42 60.3 49.2 73.8
101 9.7 7.0 10.6
130 20.5 15.0 22.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:136 Resp: 1108811
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.9 7.0 10.4
68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 113.390 ng

RT: 9.163 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

Instrument :

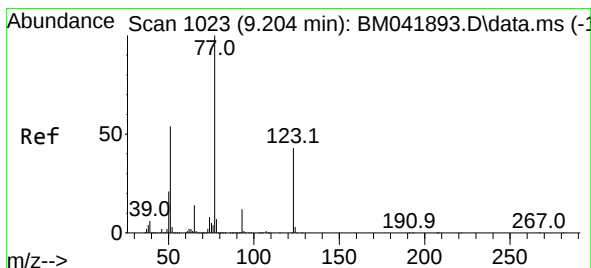
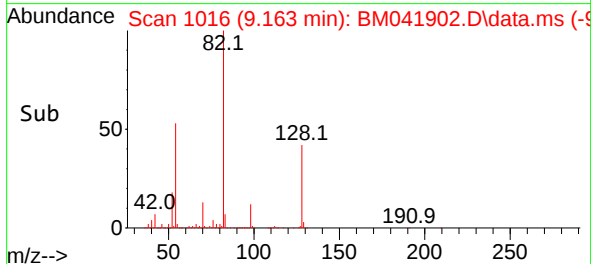
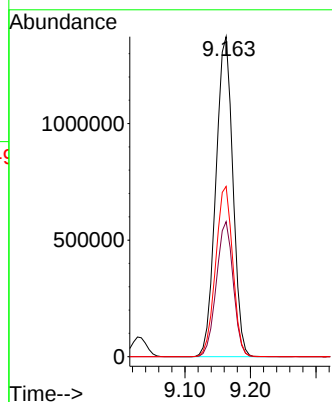
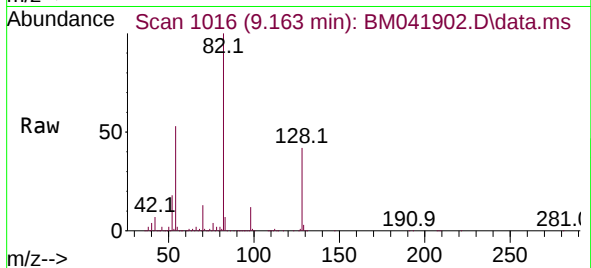
BNA_M

ClientSampleId :

PT-BN-WP

Tgt Ion: 82 Resp: 2469371

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.8	50.6
54	53.2	42.8	64.2



#24

Nitrobenzene

Concen: 187.865 ng

RT: 9.210 min Scan# 1024

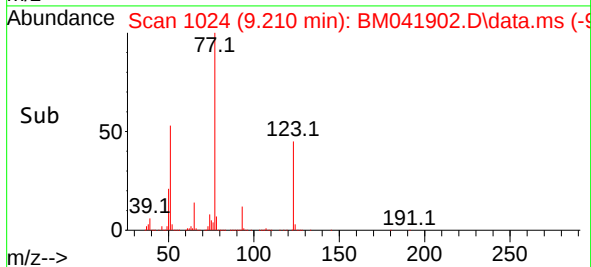
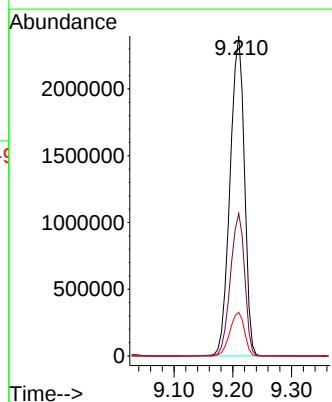
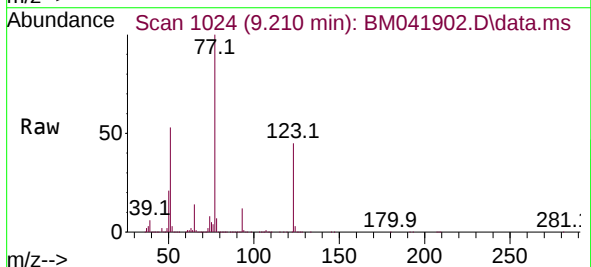
Delta R.T. 0.006 min

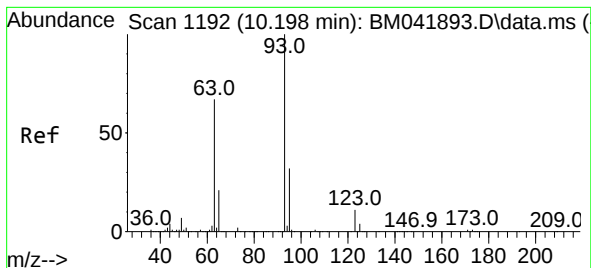
Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

Tgt Ion: 77 Resp: 4060827

Ion	Ratio	Lower	Upper
77	100		
123	44.5	34.6	52.0
65	13.7	11.1	16.7

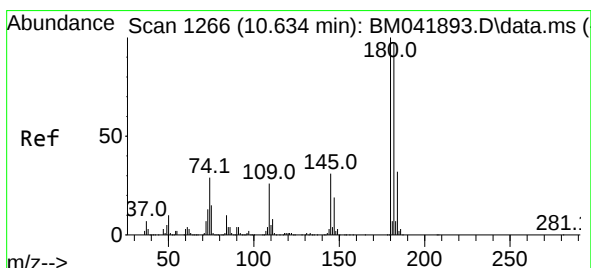
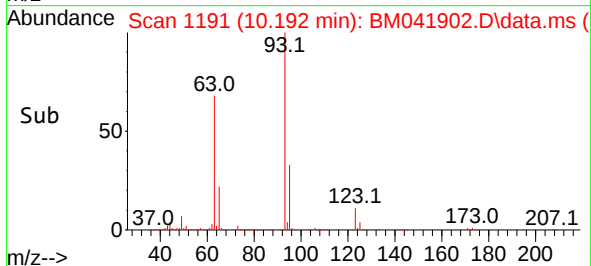
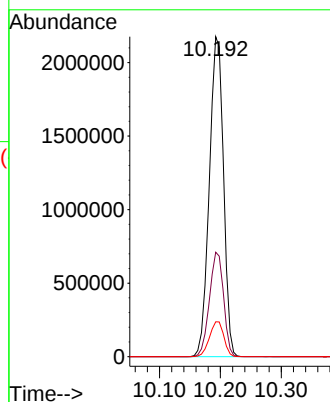
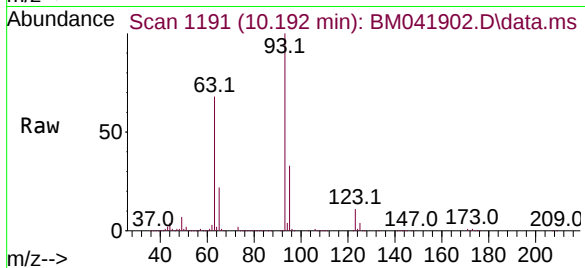




#28
bis(2-Chloroethoxy)methane
Concen: 140.120 ng
RT: 10.192 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

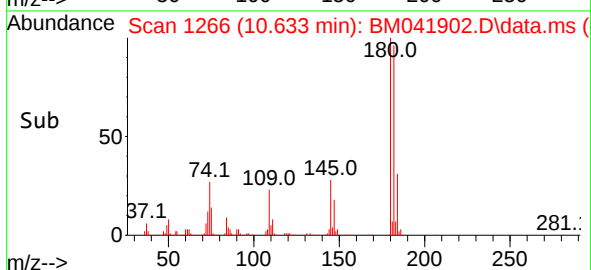
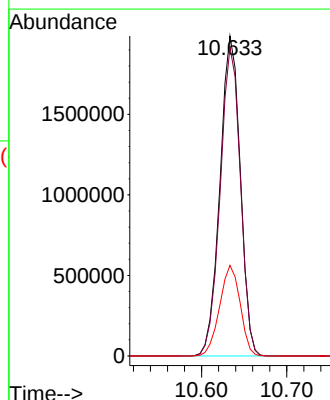
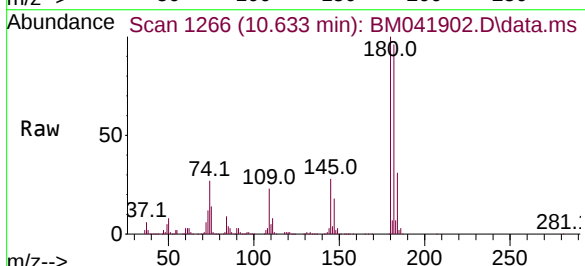
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

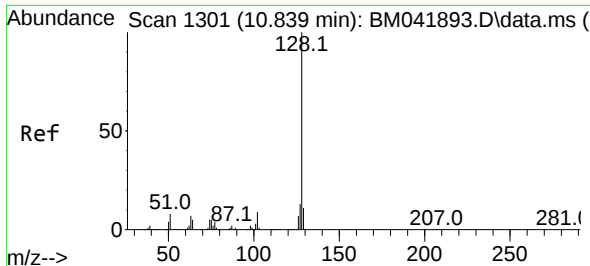
Tgt Ion: 93 Resp: 3520058
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 10.9 9.2 13.8



#30
1,2,4-Trichlorobenzene
Concen: 189.422 ng
RT: 10.633 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:180 Resp: 3295343
Ion Ratio Lower Upper
180 100
182 96.5 77.7 116.5
145 28.3 24.6 37.0

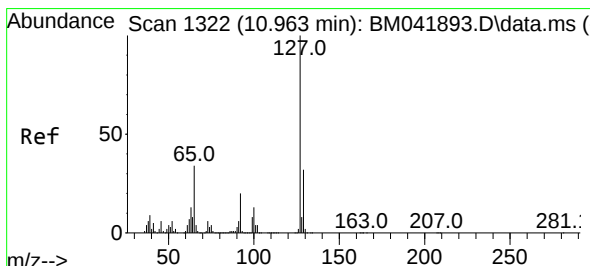
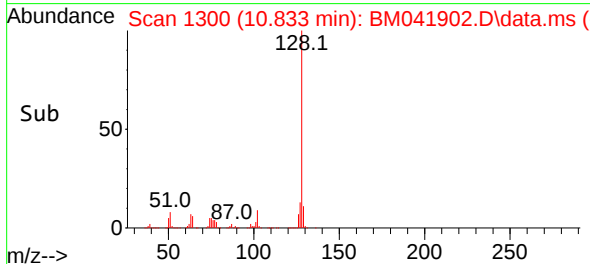
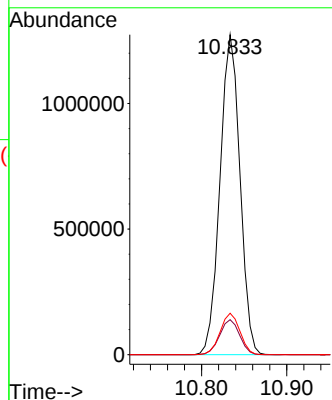
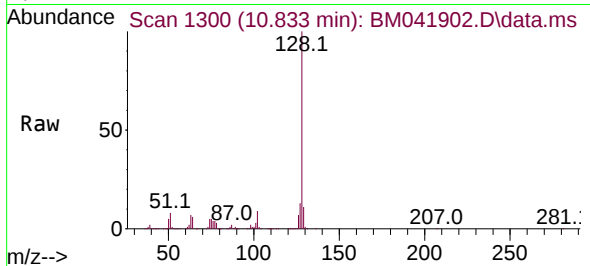




#31
Naphthalene
Concen: 37.183 ng
RT: 10.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

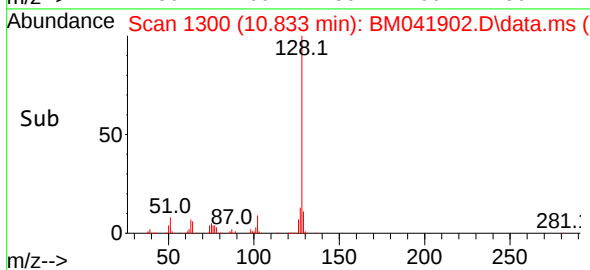
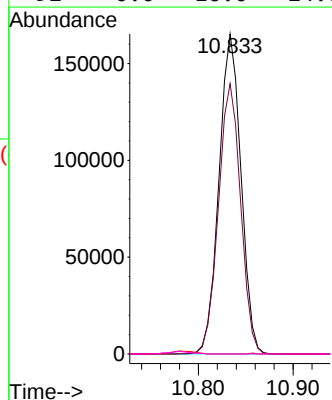
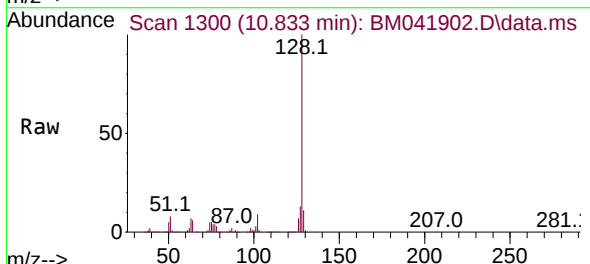
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

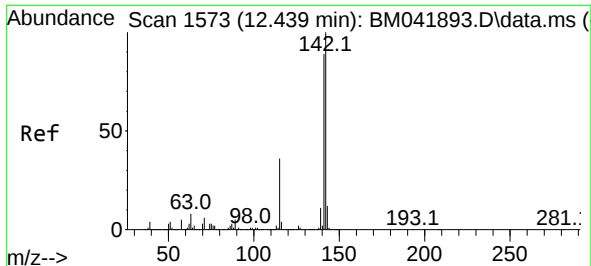
Tgt Ion:128 Resp: 2075619
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.4 15.6



#33
4-Chloroaniline
Concen: 10.668 ng
RT: 10.833 min Scan# 1300
Delta R.T. -0.130 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:127 Resp: 266539
Ion Ratio Lower Upper
127 100
129 84.4 25.7 38.5#
65 0.0 27.3 40.9#
92 0.0 16.0 24.0#

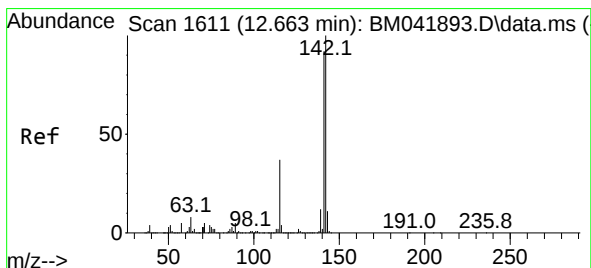
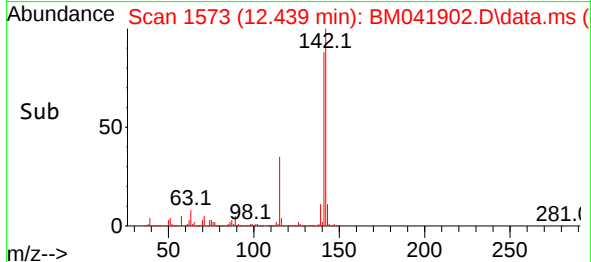
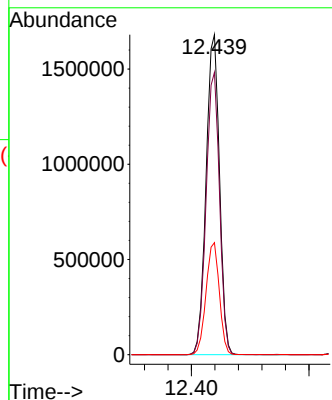
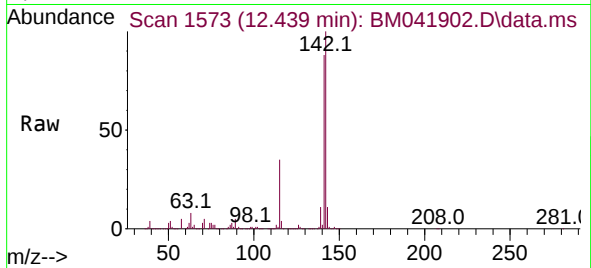




#37
2-Methylnaphthalene
Concen: 64.695 ng
RT: 12.439 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

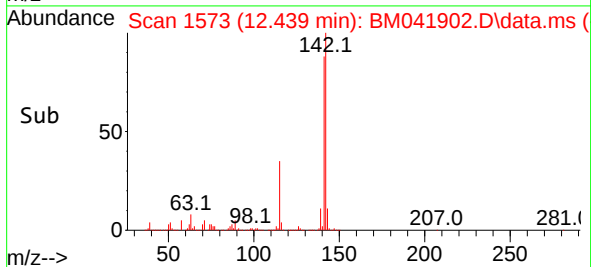
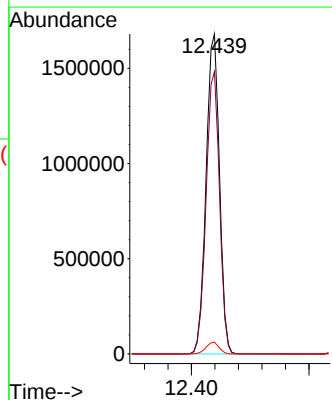
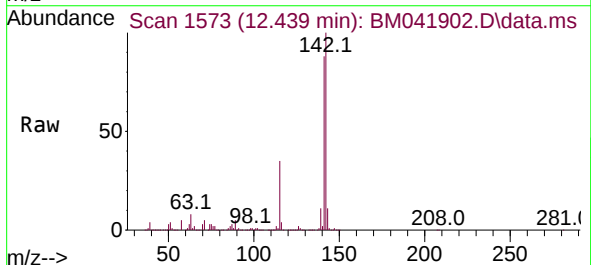
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

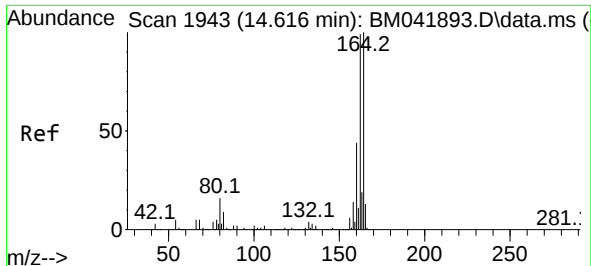
Tgt Ion:142 Resp: 2655291
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3
115 35.0 28.5 42.7



#38
1-Methylnaphthalene
Concen: 68.884 ng
RT: 12.439 min Scan# 1573
Delta R.T. -0.224 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:142 Resp: 2655291
Ion Ratio Lower Upper
142 100
141 88.2 73.8 110.6
116 3.7 3.0 4.6

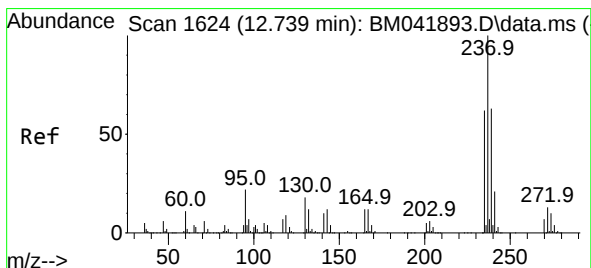
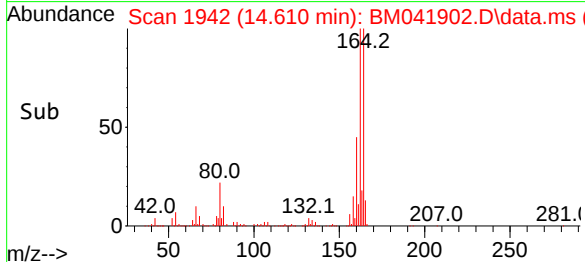
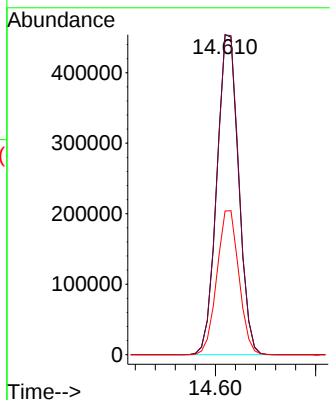
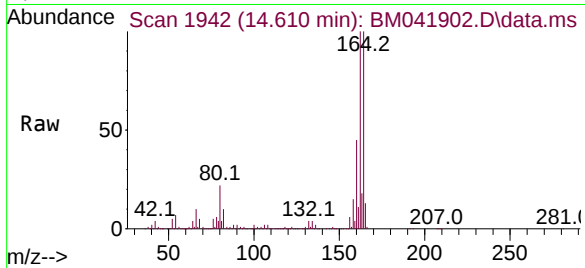




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

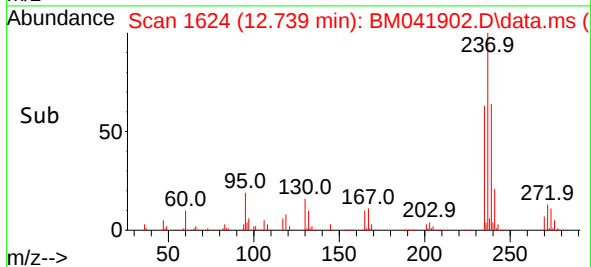
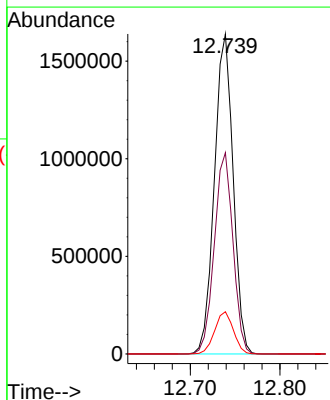
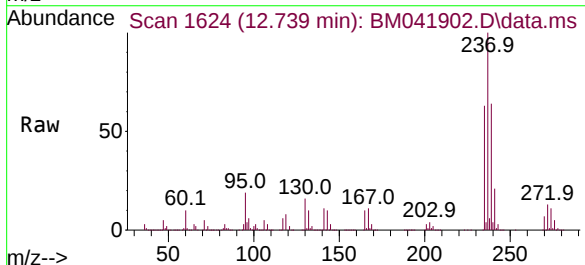
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

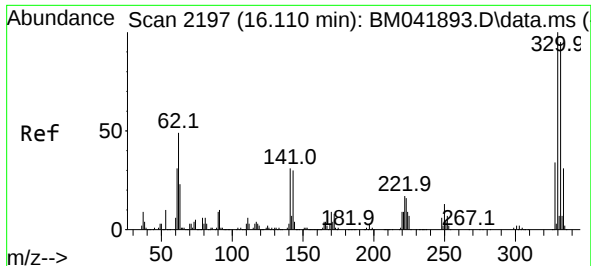
Tgt Ion:164 Resp: 682381
Ion Ratio Lower Upper
164 100
162 99.9 79.3 118.9
160 44.9 35.6 53.4



#41
Hexachlorocyclopentadiene
Concen: 213.186 ng
RT: 12.739 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:237 Resp: 2372226
Ion Ratio Lower Upper
237 100
235 62.9 42.0 82.0
272 13.2 0.0 32.9

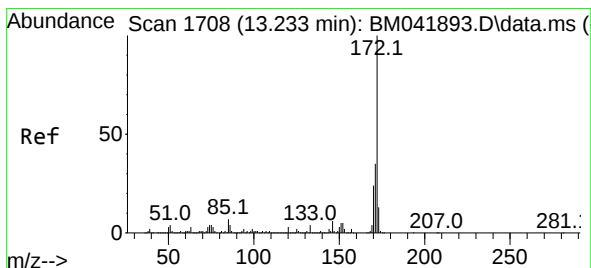
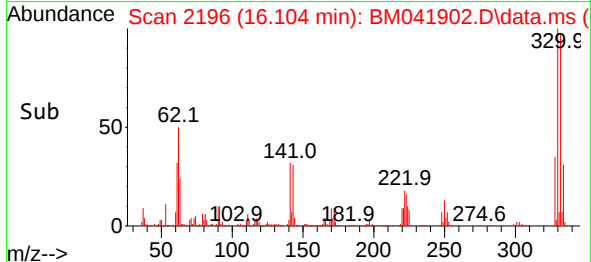
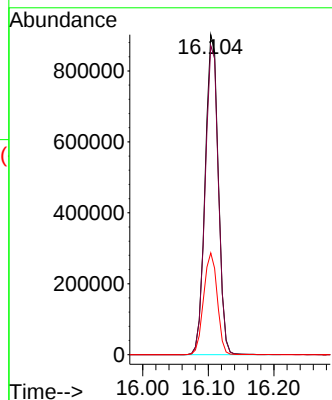
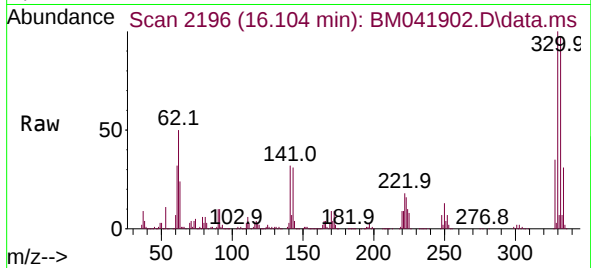




#42
2,4,6-Tribromophenol
Concen: 148.362 ng
RT: 16.104 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

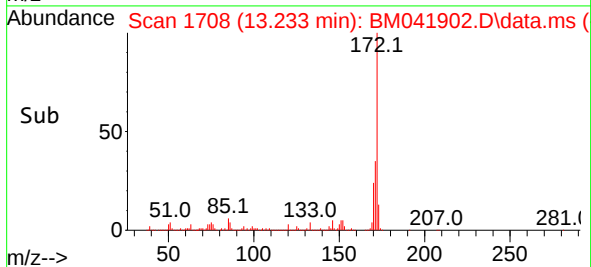
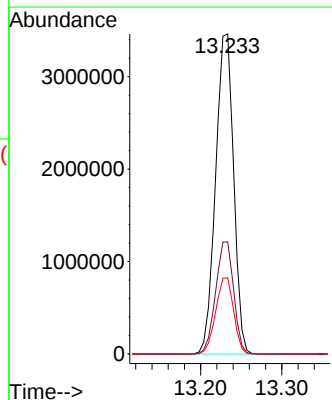
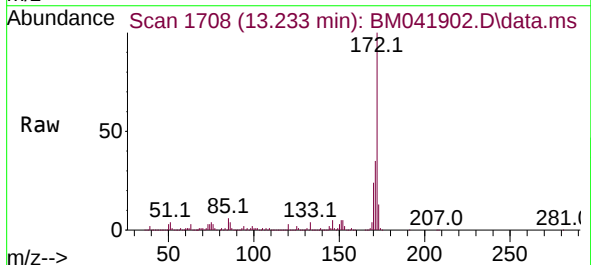
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

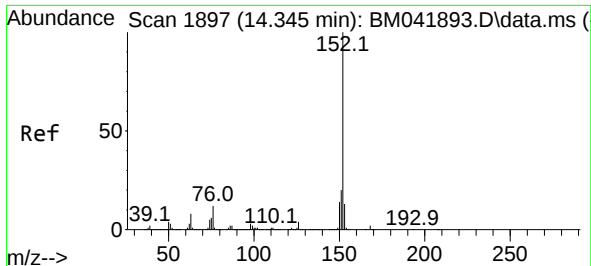
Tgt Ion:330 Resp: 1263161
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 32.8 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 114.897 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:172 Resp: 5341686
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.8 19.1 28.7

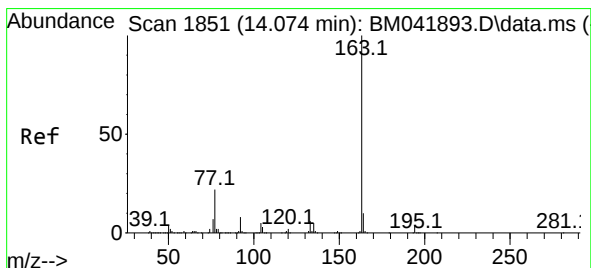
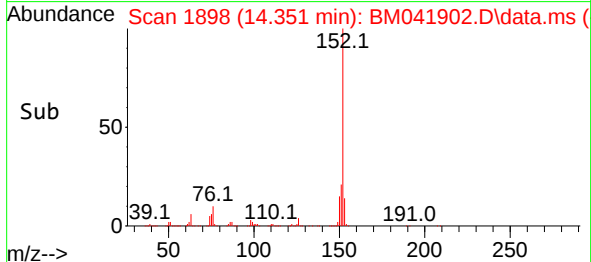
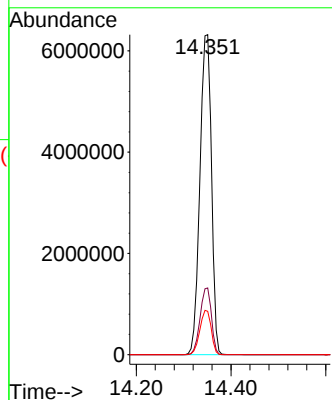
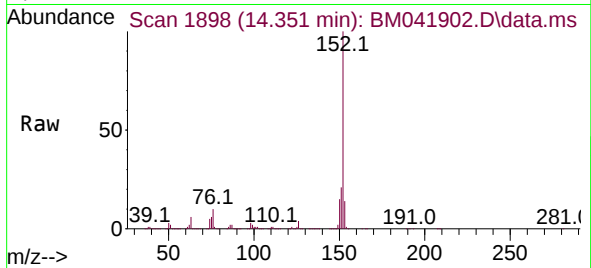




#49
Acenaphthylene
Concen: 175.113 ng
RT: 14.351 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

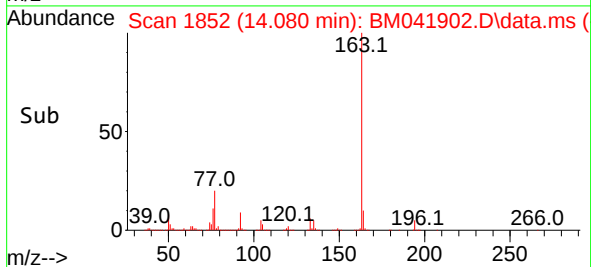
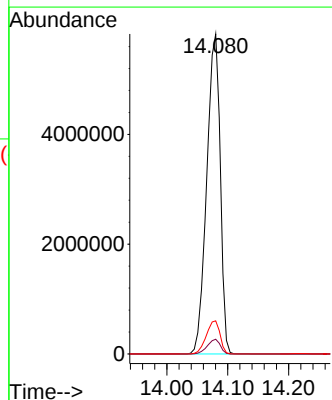
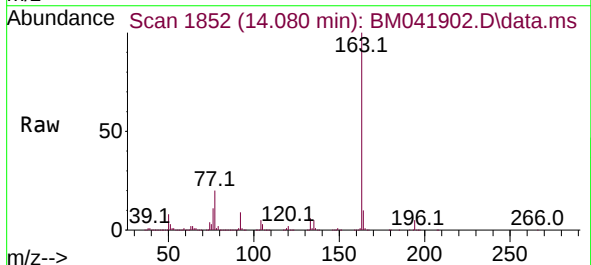
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

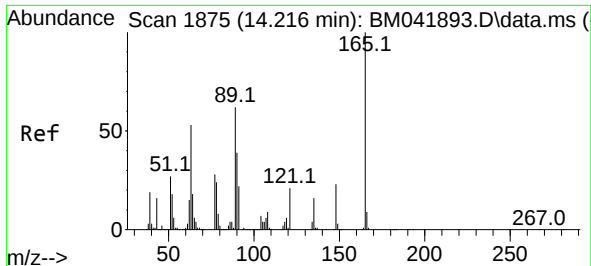
Tgt Ion:152 Resp:10655408
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.8
153 13.6 10.5 15.7



#50
Dimethylphthalate
Concen: 178.054 ng
RT: 14.080 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:163 Resp: 8982417
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.3 8.2 12.4

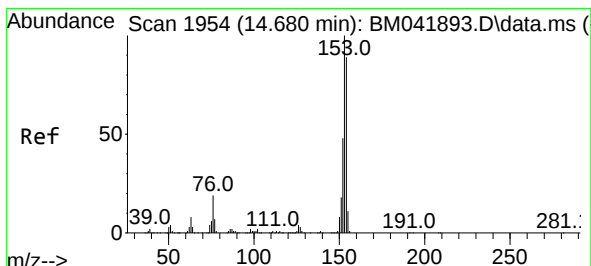
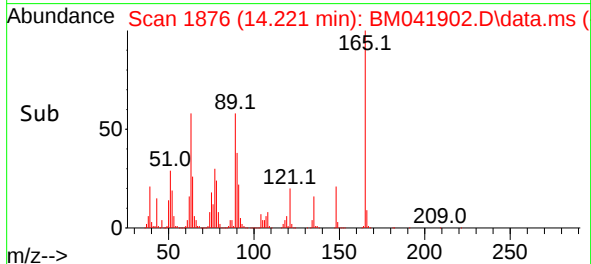
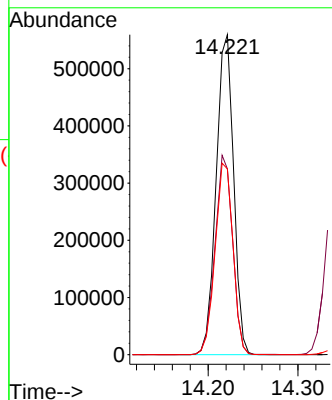
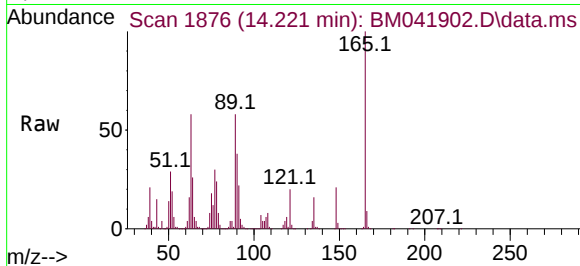




#51
2,6-Dinitrotoluene
Concen: 70.495 ng
RT: 14.221 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

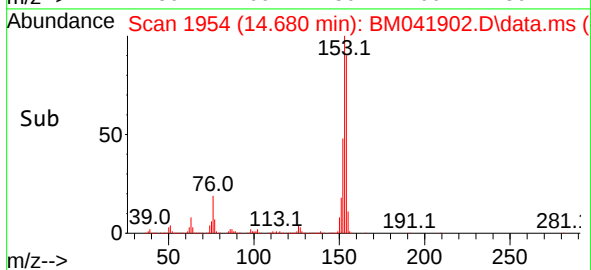
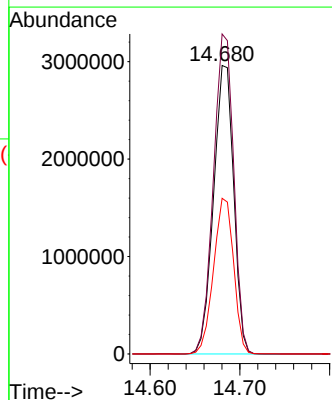
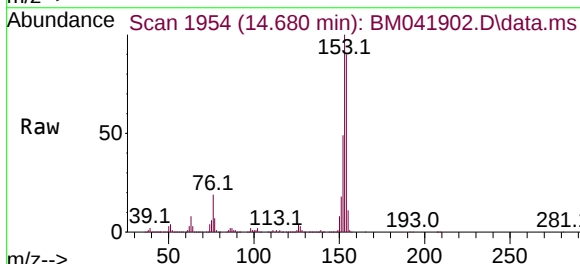
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

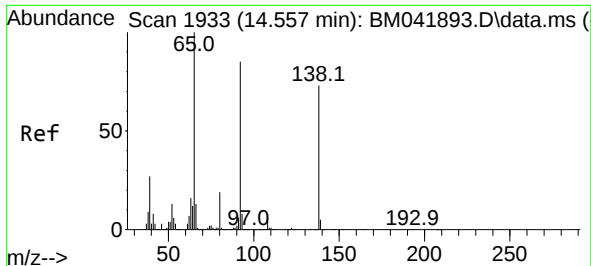
Tgt Ion:165 Resp: 753653
Ion Ratio Lower Upper
165 100
63 58.1 50.2 75.2
89 58.1 49.3 73.9



#52
Acenaphthene
Concen: 126.031 ng
RT: 14.680 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:154 Resp: 4612494
Ion Ratio Lower Upper
154 100
153 110.9 90.3 135.5
152 54.0 43.4 65.2

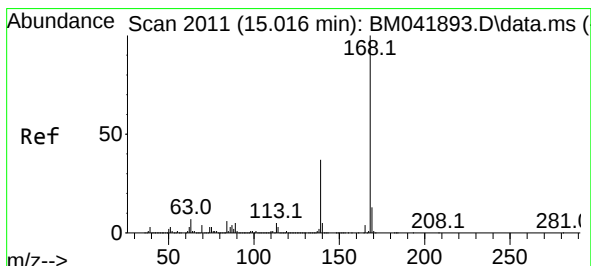
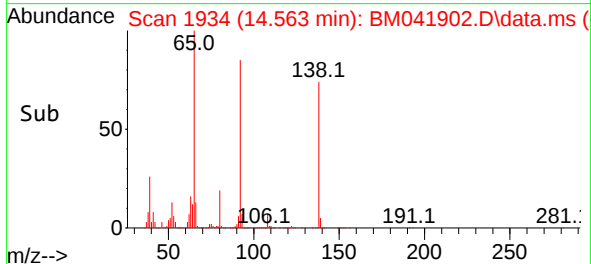
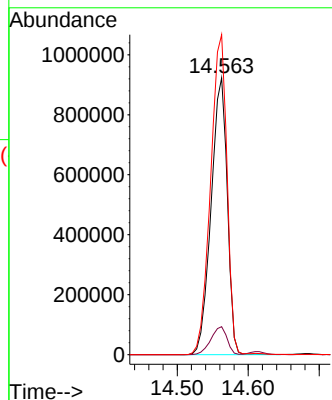
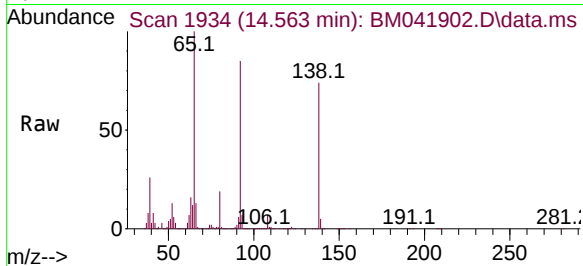




#53
3-Nitroaniline
Concen: 121.633 ng
RT: 14.563 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

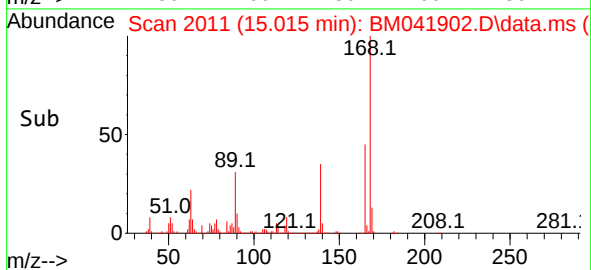
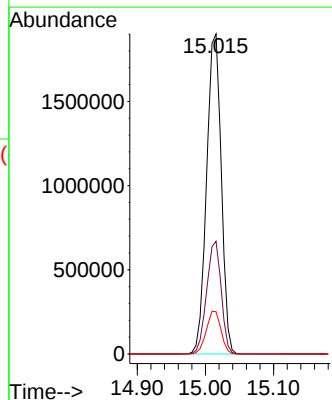
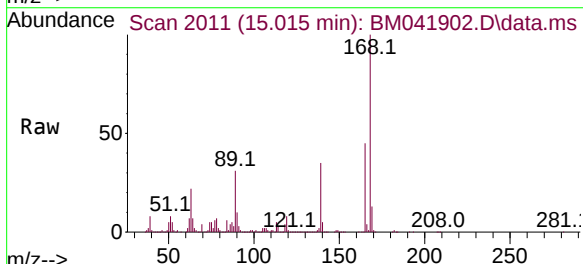
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

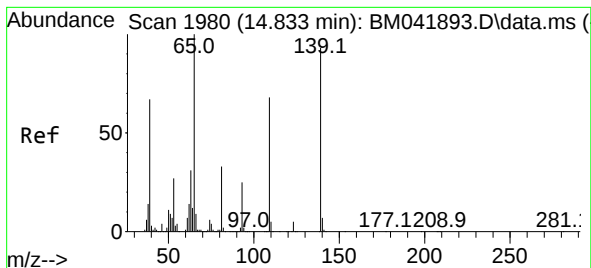
Tgt Ion:138 Resp: 1455447
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 115.6 93.6 140.4



#55
Dibenzofuran
Concen: 48.061 ng
RT: 15.015 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:168 Resp: 2839294
Ion Ratio Lower Upper
168 100
139 35.2 29.4 44.2
169 13.2 10.8 16.2

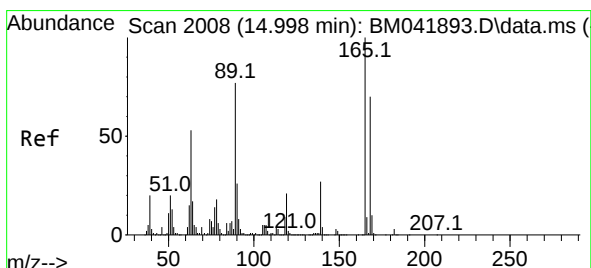
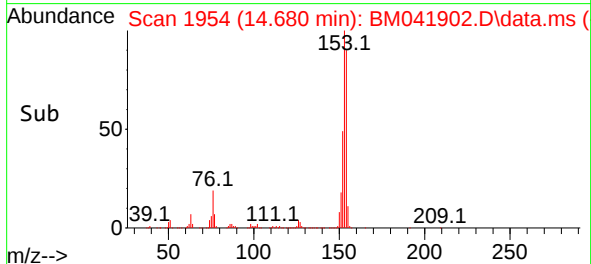
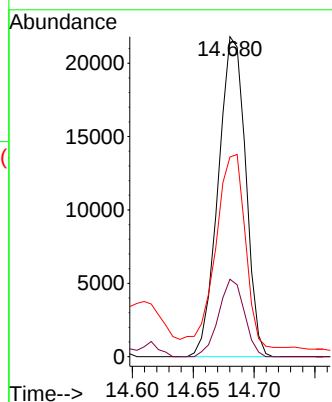
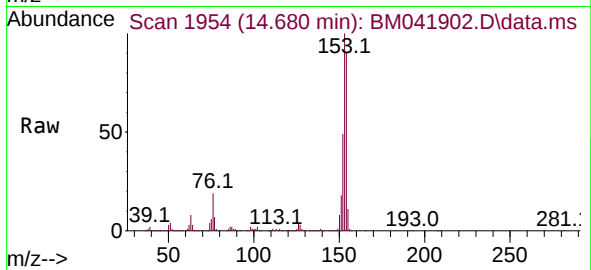




#56
4-Nitrophenol
Concen: 3.599 ng
RT: 14.680 min Scan# 1980
Delta R.T. -0.153 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

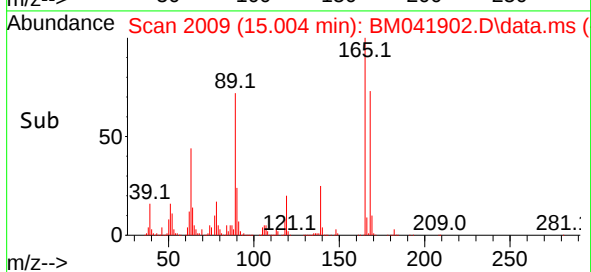
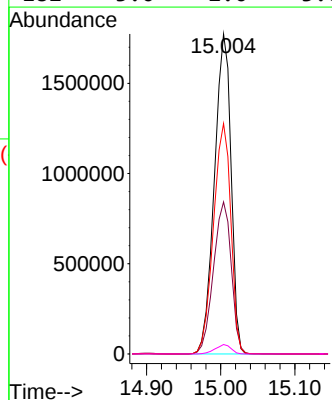
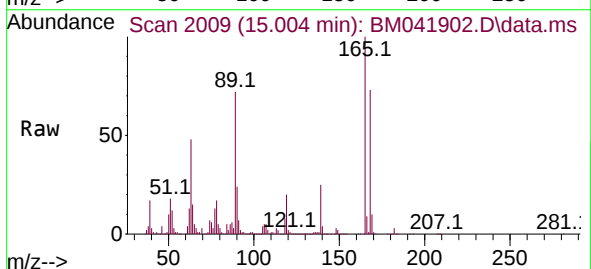
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

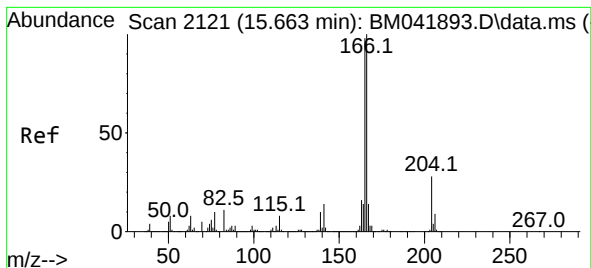
Tgt Ion:139 Resp: 34157
Ion Ratio Lower Upper
139 100
109 24.2 53.4 93.4#
65 62.4 87.4 127.4#



#57
2,4-Dinitrotoluene
Concen: 195.660 ng
RT: 15.004 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:165 Resp: 2767497
Ion Ratio Lower Upper
165 100
63 47.5 42.3 63.5
89 72.0 61.8 92.6
182 3.0 2.0 3.0





#58

Fluorene

Concen: 78.987 ng

RT: 15.663 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

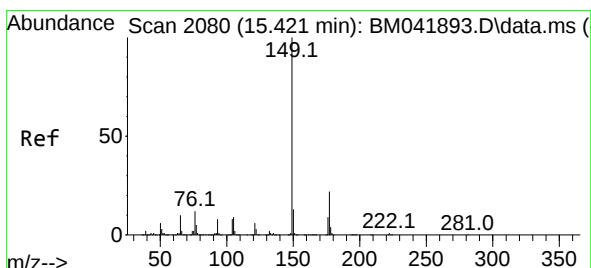
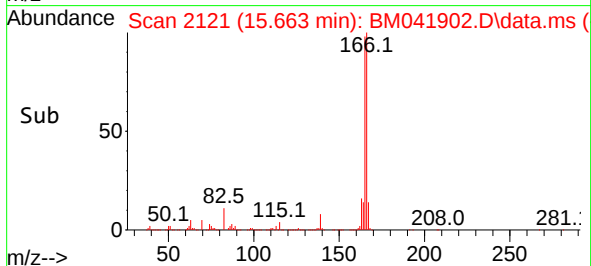
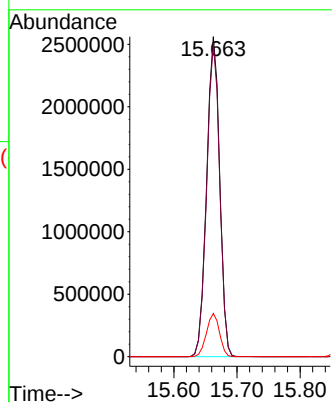
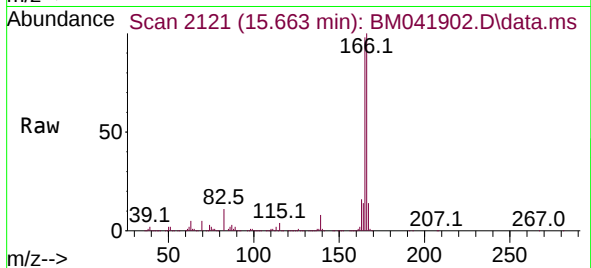
Tgt Ion:166 Resp: 3678841

Ion Ratio Lower Upper

166 100

165 97.9 78.2 117.2

167 13.5 11.0 16.6



#60

Diethylphthalate

Concen: 68.418 ng

RT: 15.421 min Scan# 2080

Delta R.T. -0.000 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

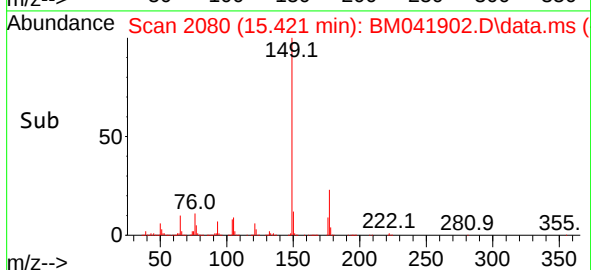
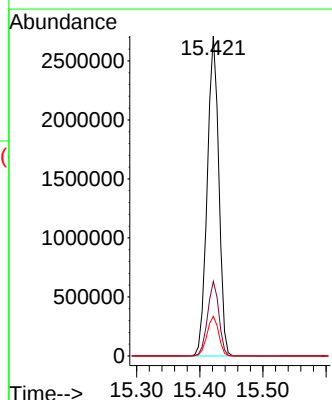
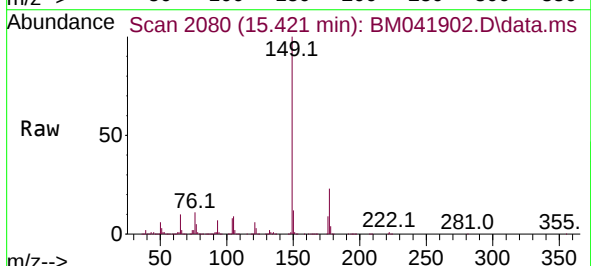
Tgt Ion:149 Resp: 3433334

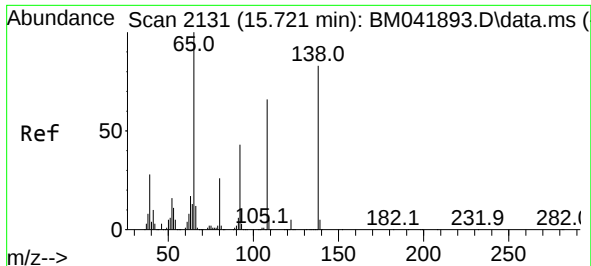
Ion Ratio Lower Upper

149 100

177 23.3 17.9 26.9

150 12.4 10.1 15.1

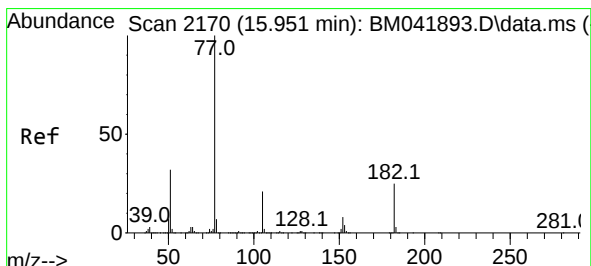
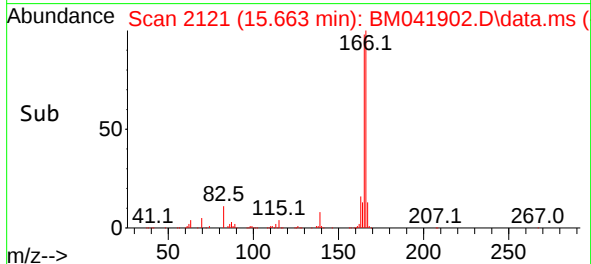
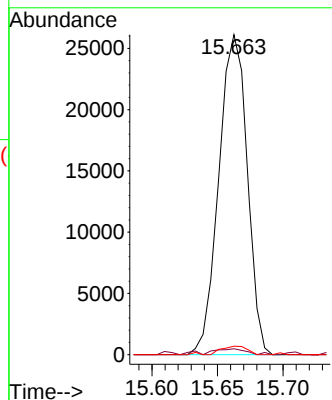
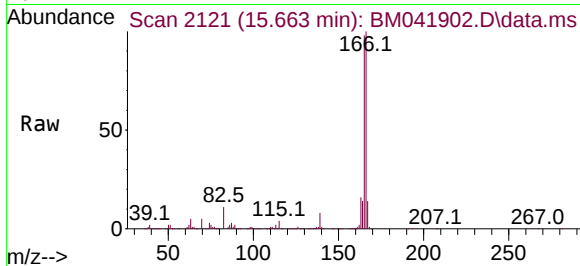




#62
4-Nitroaniline
Concen: 3.424 ng
RT: 15.663 min Scan# 211
Delta R.T. -0.059 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

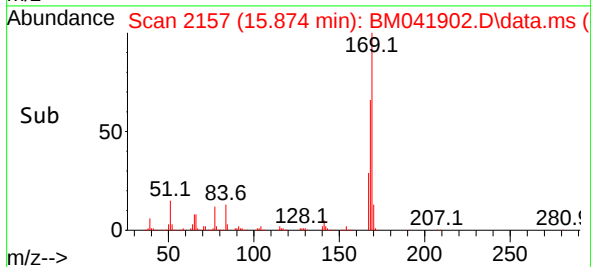
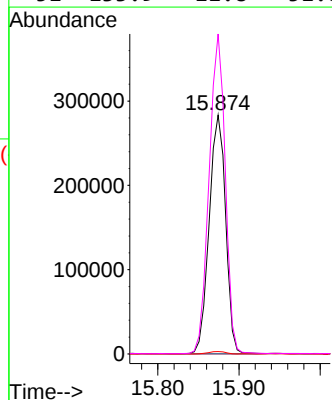
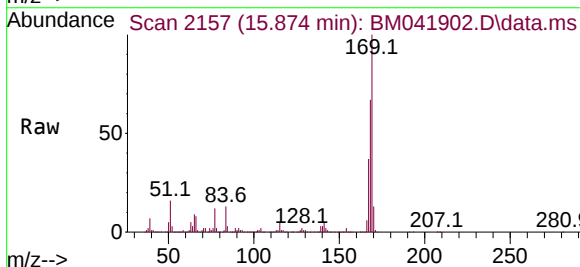
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

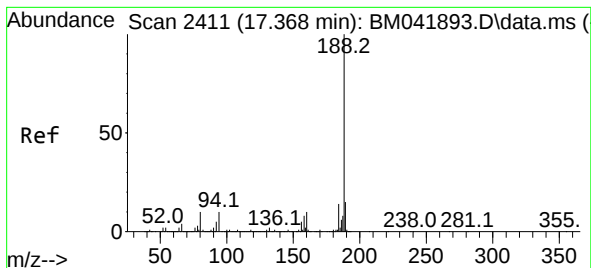
Tgt Ion:138 Resp: 39397
Ion Ratio Lower Upper
138 100
92 1.9 32.3 72.3#
108 2.7 59.0 99.0#



#63
Azobenzene
Concen: 7.807 ng
RT: 15.874 min Scan# 2157
Delta R.T. -0.077 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion: 77 Resp: 397170
Ion Ratio Lower Upper
77 100
182 0.0 4.9 44.9#
105 1.0 0.7 40.7
51 133.9 11.8 51.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.362 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

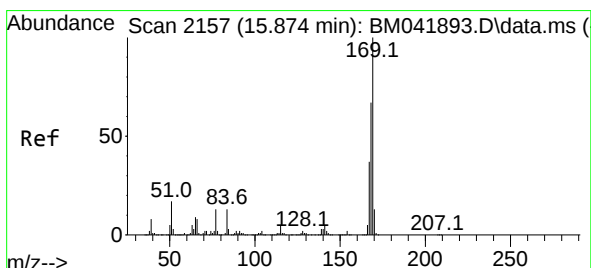
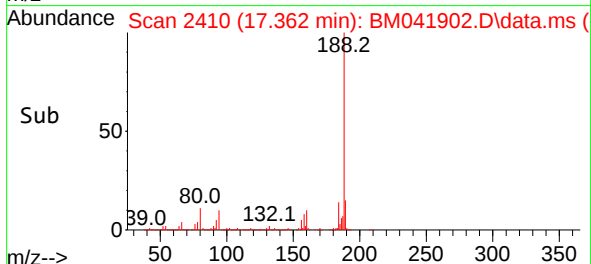
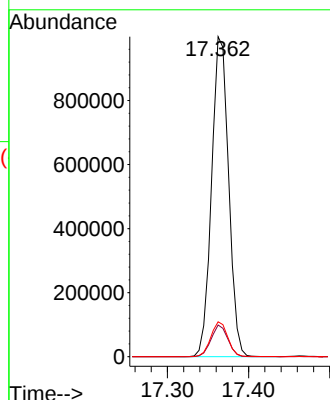
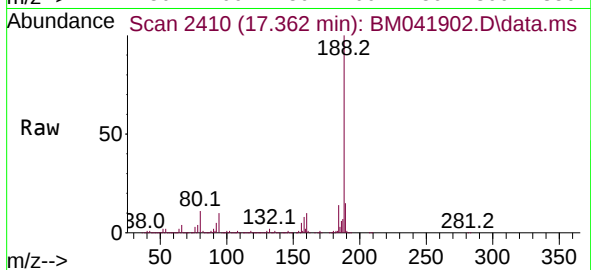
Tgt Ion:188 Resp: 1453798

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.9 8.3 12.5



#66

n-Nitrosodiphenylamine

Concen: 77.950 ng

RT: 15.874 min Scan# 2157

Delta R.T. -0.000 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

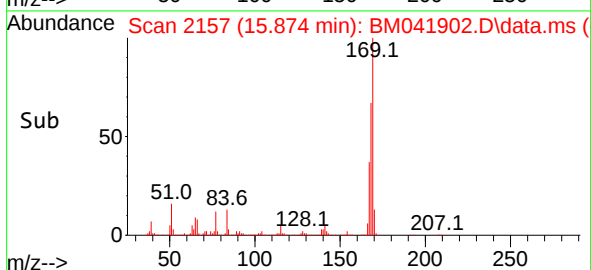
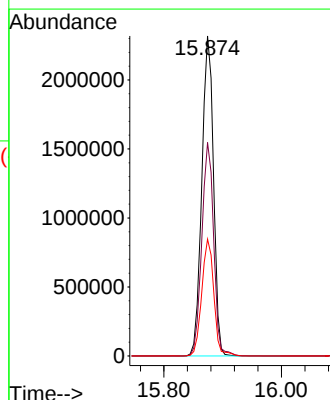
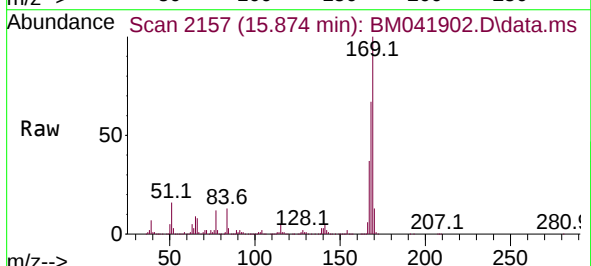
Tgt Ion:169 Resp: 3200604

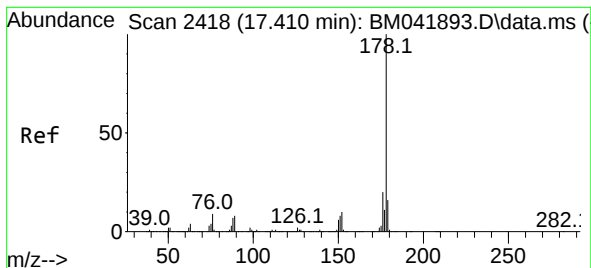
Ion Ratio Lower Upper

169 100

168 66.7 53.6 80.4

167 36.5 29.4 44.0





#71

Phenanthrene

Concen: 96.221 ng

RT: 17.409 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

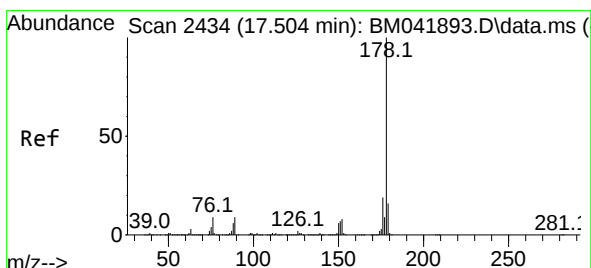
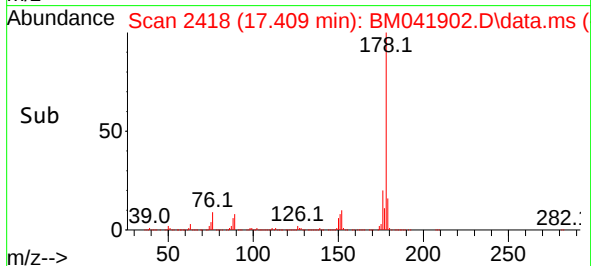
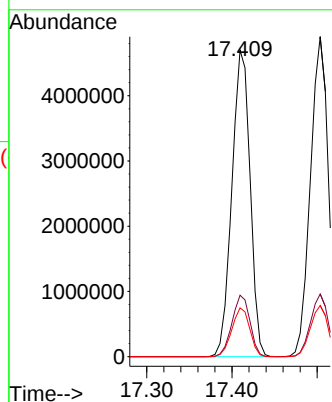
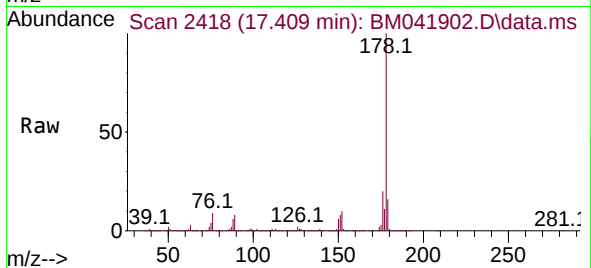
Tgt Ion:178 Resp: 6976491

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

179 15.9 12.4 18.6



#72

Anthracene

Concen: 96.400 ng

RT: 17.504 min Scan# 2434

Delta R.T. -0.000 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

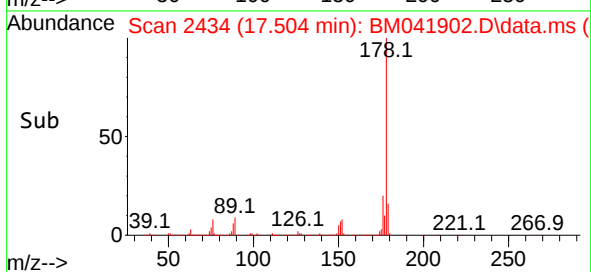
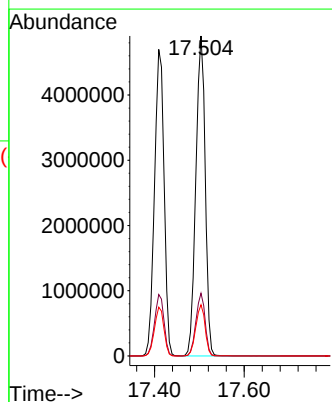
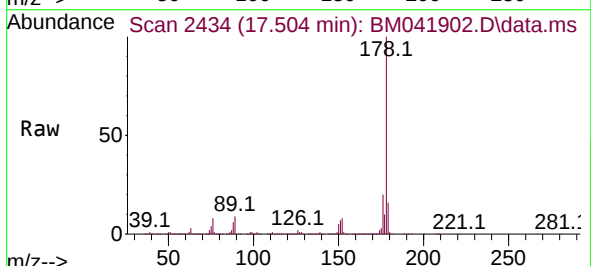
Tgt Ion:178 Resp: 7130045

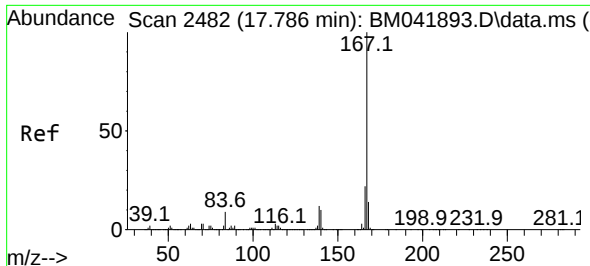
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 16.0 12.5 18.7



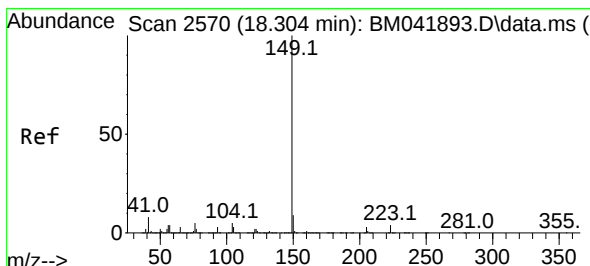
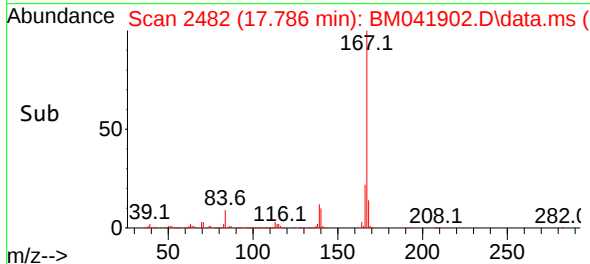
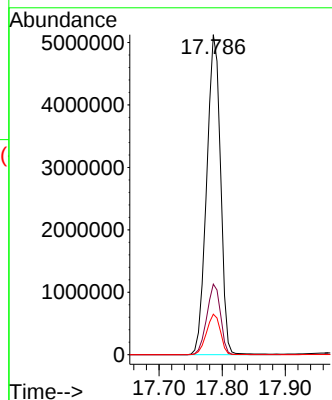
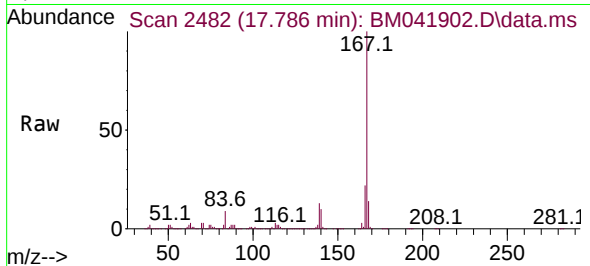


#73
 Carbazole
 Concen: 115.071 ng
 RT: 17.786 min Scan# 2482
 Delta R.T. -0.000 min
 Lab File: BM041902.D
 Acq: 19 Sep 2023 10:11

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Tgt Ion:167 Resp: 7804088

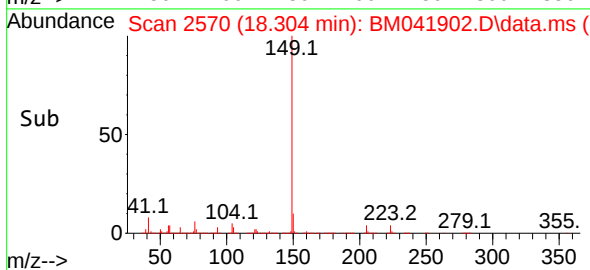
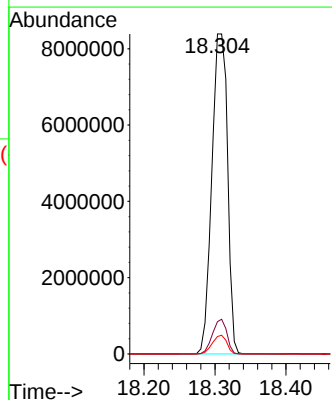
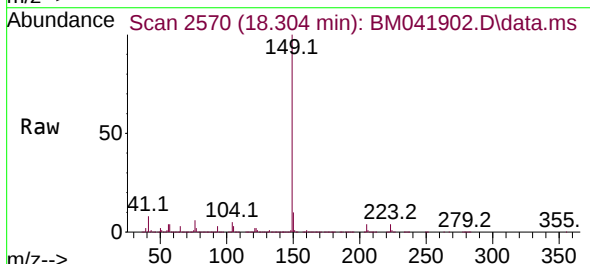
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	12.7	10.0	15.0

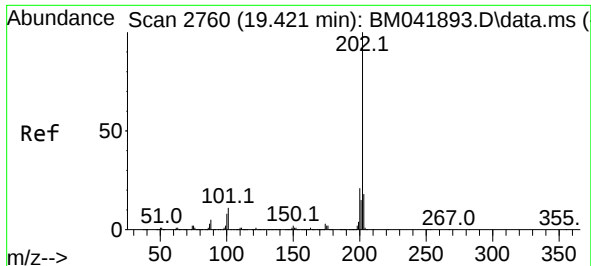


#74
 Di-n-butylphthalate
 Concen: 147.623 ng
 RT: 18.304 min Scan# 2570
 Delta R.T. -0.000 min
 Lab File: BM041902.D
 Acq: 19 Sep 2023 10:11

Tgt Ion:149 Resp:12853116

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.4	11.2
104	5.4	4.2	6.4

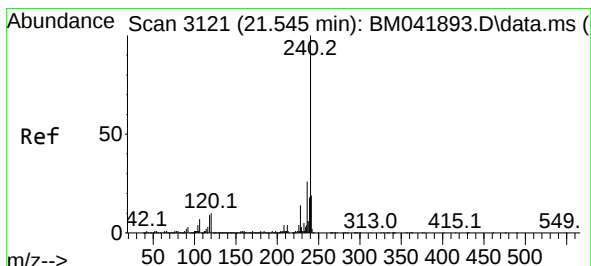
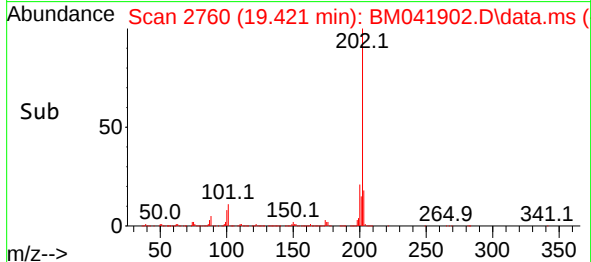
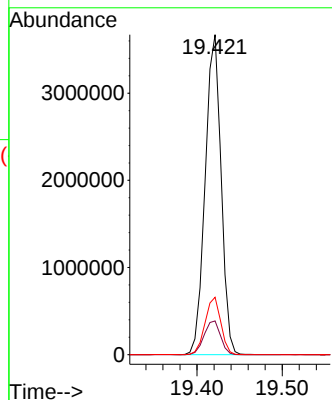
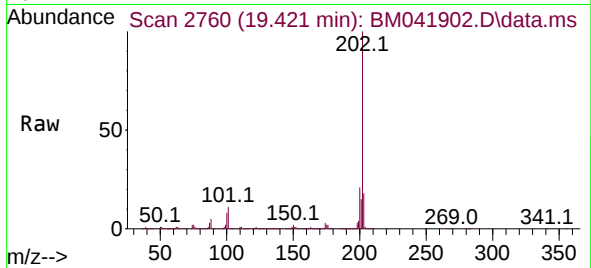




#75
Fluoranthene
Concen: 55.947 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

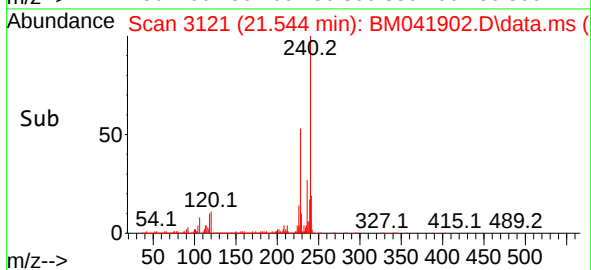
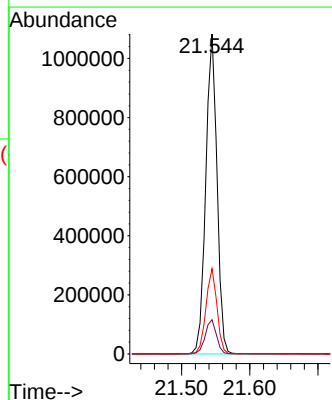
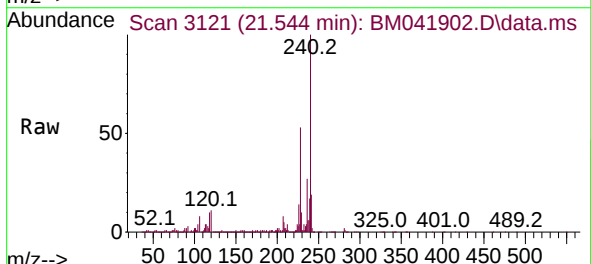
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

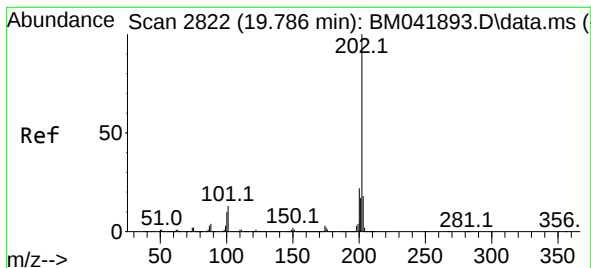
Tgt Ion:202 Resp: 4762230
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.5
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:240 Resp: 1239570
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.7 20.7 31.1





#78

Pyrene

Concen: 89.033 ng

RT: 19.786 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

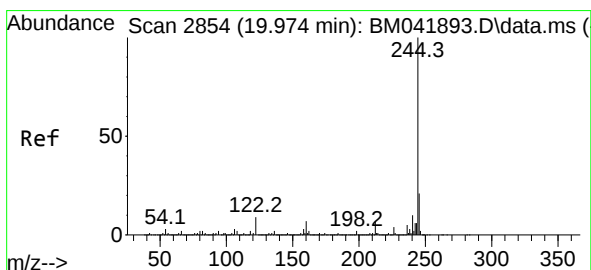
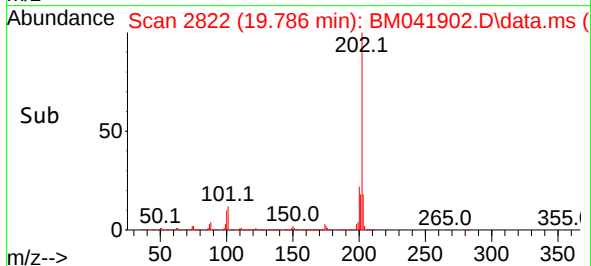
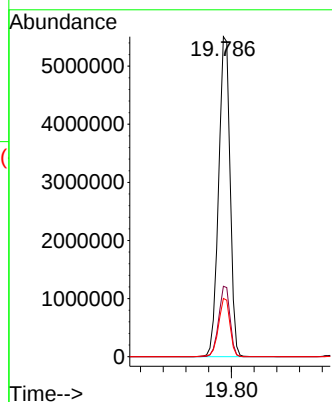
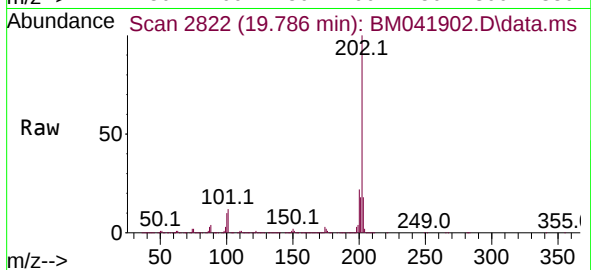
Tgt Ion:202 Resp: 7679209

Ion Ratio Lower Upper

202 100

200 22.0 17.3 25.9

203 18.2 14.2 21.4



#79

Terphenyl-d14

Concen: 119.833 ng

RT: 19.974 min Scan# 2854

Delta R.T. -0.000 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

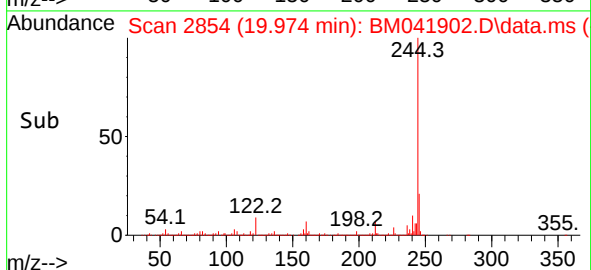
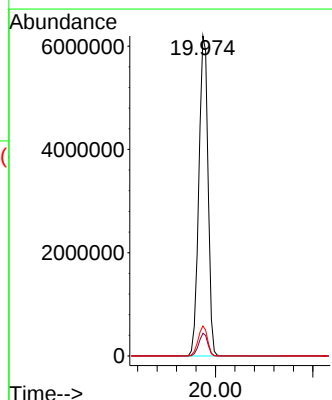
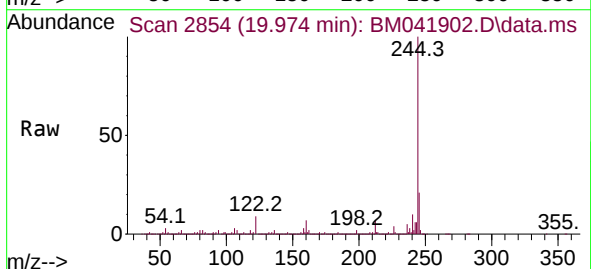
Tgt Ion:244 Resp: 8155834

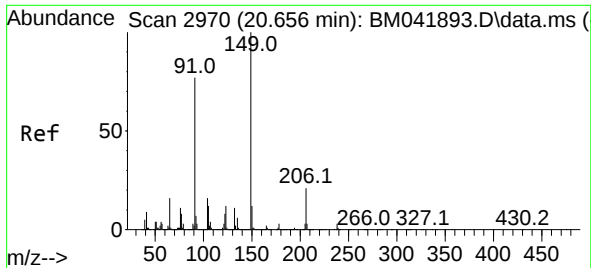
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.3 7.4 11.0

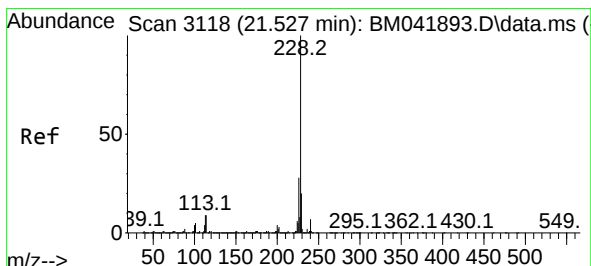
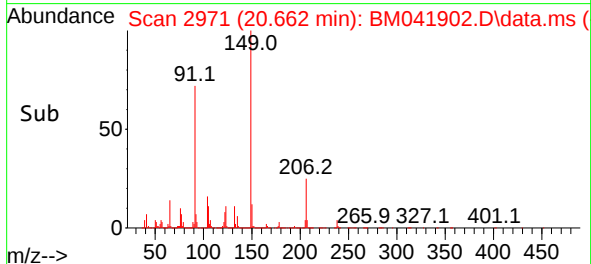
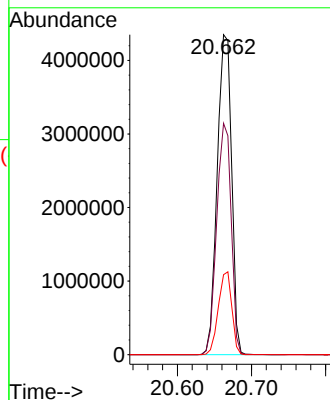
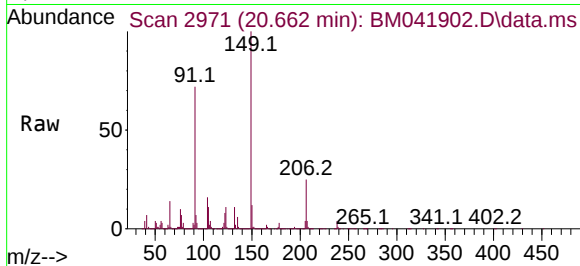




#80
Butylbenzylphthalate
Concen: 152.773 ng
RT: 20.662 min Scan# 2970
Delta R.T. 0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

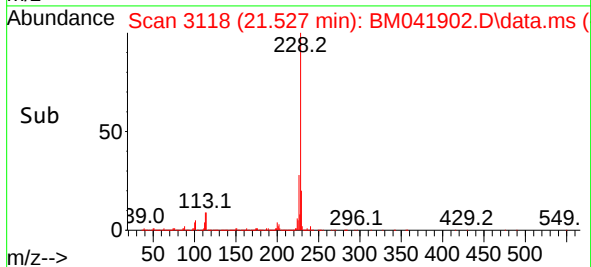
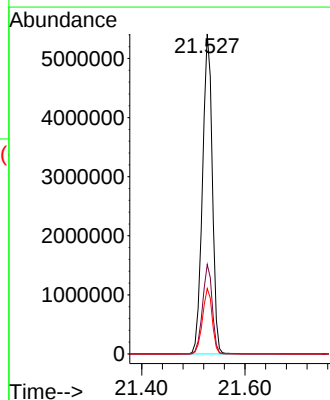
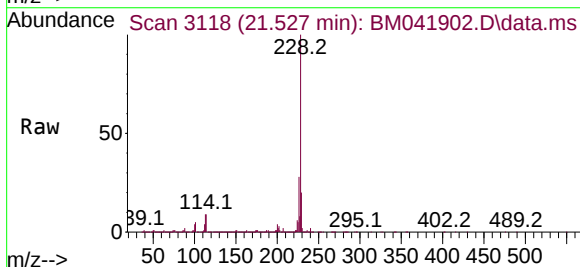
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

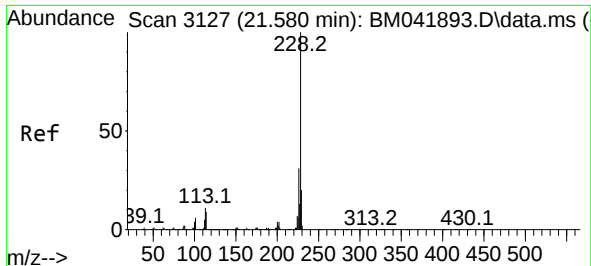
Tgt Ion:149 Resp: 5860583
Ion Ratio Lower Upper
149 100
91 72.3 61.7 92.5
206 25.0 16.9 25.3



#81
Benzo(a)anthracene
Concen: 88.175 ng
RT: 21.527 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:228 Resp: 7128536
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.5 16.1 24.1

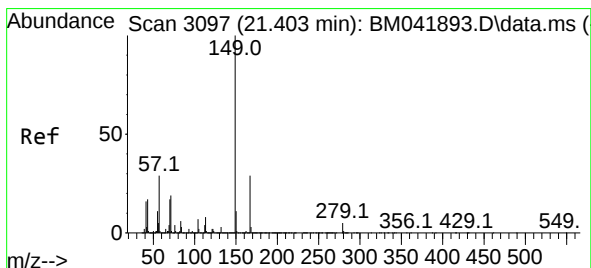
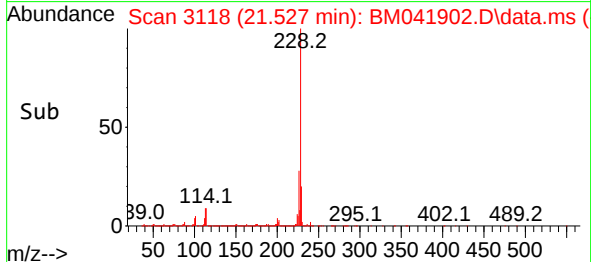
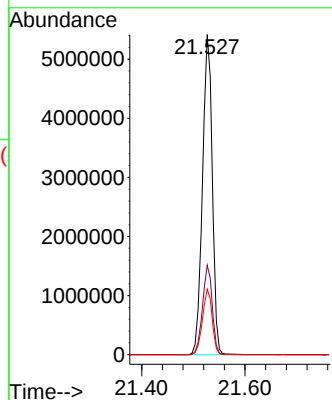
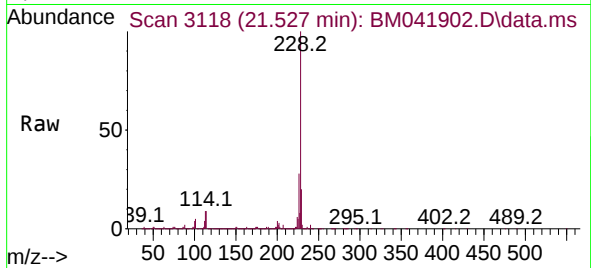




#83
Chrysene
Concen: 94.072 ng
RT: 21.527 min Scan# 3118
Delta R.T. -0.053 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

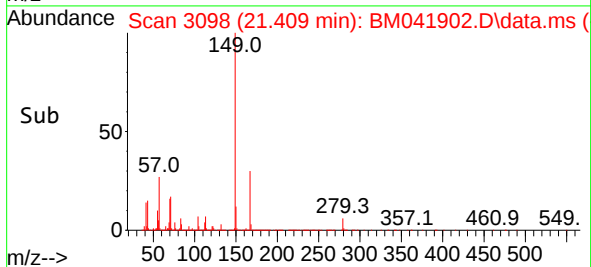
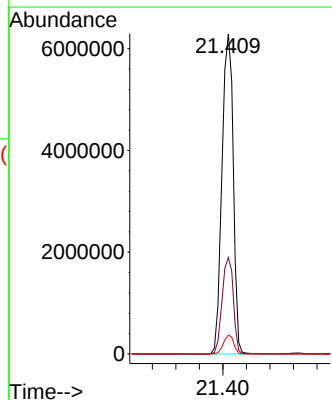
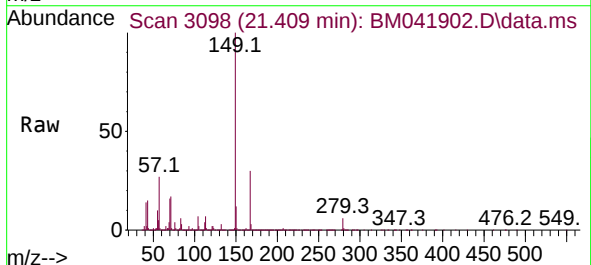
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

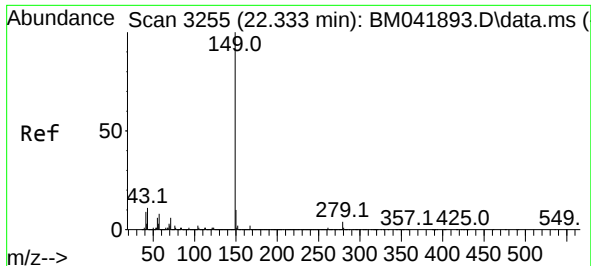
Tgt Ion:228 Resp: 7128536
Ion Ratio Lower Upper
228 100
226 28.0 24.4 36.6
229 20.5 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 147.194 ng
RT: 21.409 min Scan# 3098
Delta R.T. 0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:149 Resp: 8376727
Ion Ratio Lower Upper
149 100
167 30.2 23.0 34.6
279 5.8 3.7 5.5#

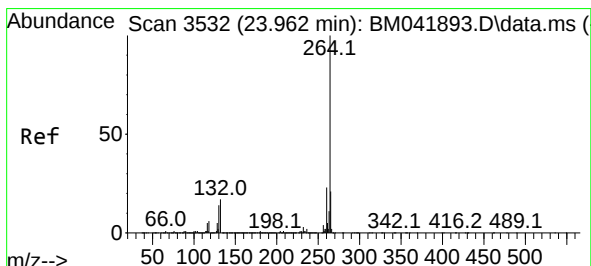
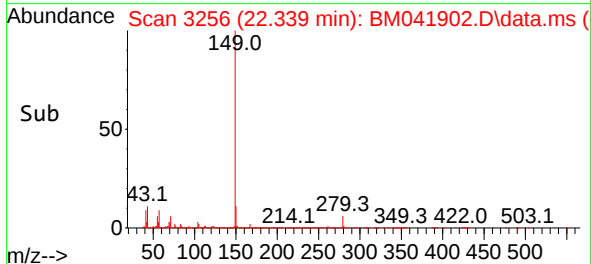
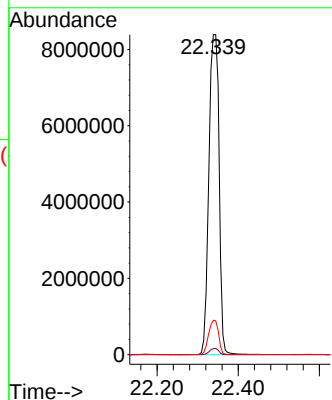
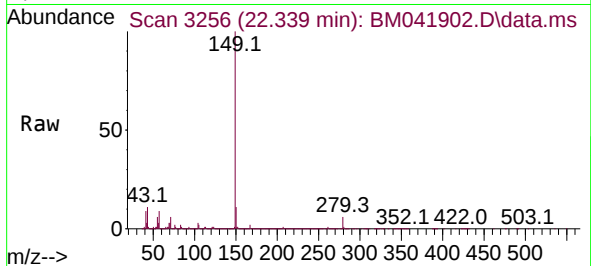




#85
Di-n-octyl phthalate
Concen: 151.916 ng
RT: 22.339 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

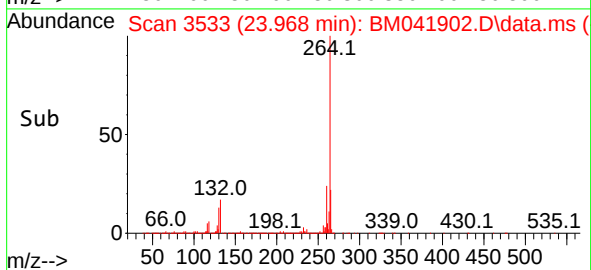
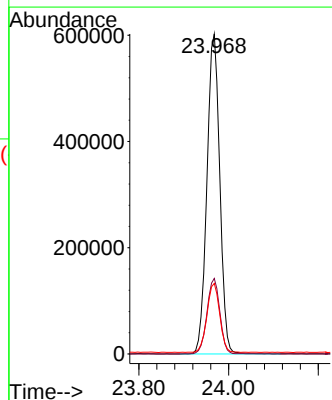
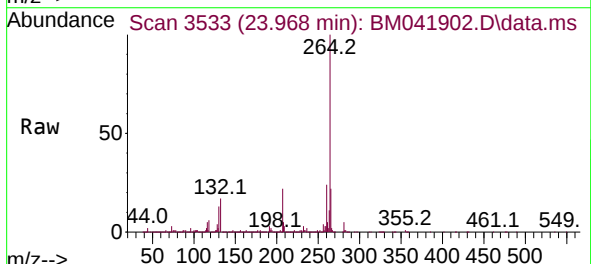
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

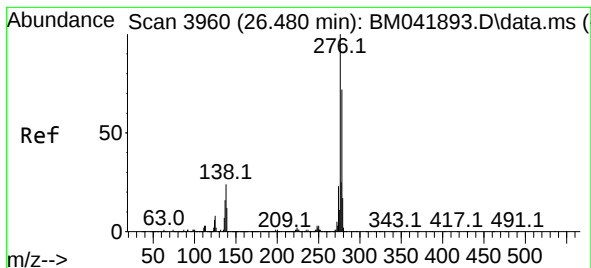
Tgt Ion:149 Resp:14552829
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.5 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BM041902.D
Acq: 19 Sep 2023 10:11

Tgt Ion:264 Resp: 1195255
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.793 ng

RT: 26.509 min Scan# 3960

Delta R.T. 0.029 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

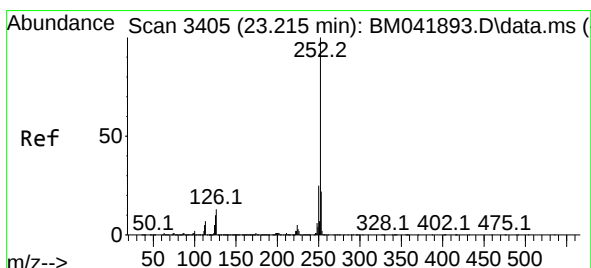
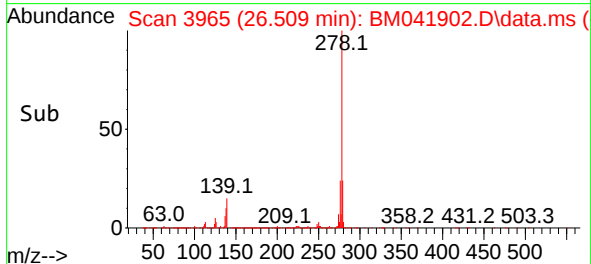
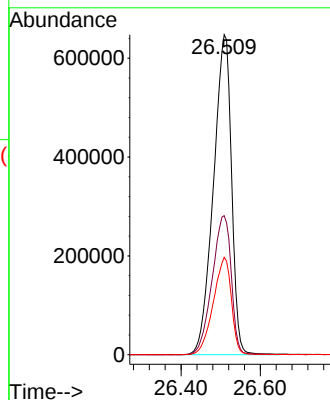
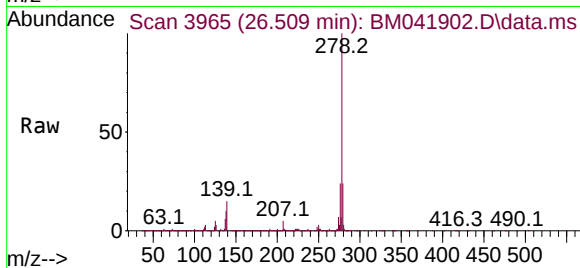
Tgt Ion:276 Resp: 2054819

Ion Ratio Lower Upper

276 100

138 45.9 19.8 29.8#

277 30.4 20.2 30.2#



#88

Benzo(b)fluoranthene

Concen: 152.127 ng

RT: 23.233 min Scan# 3408

Delta R.T. 0.018 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

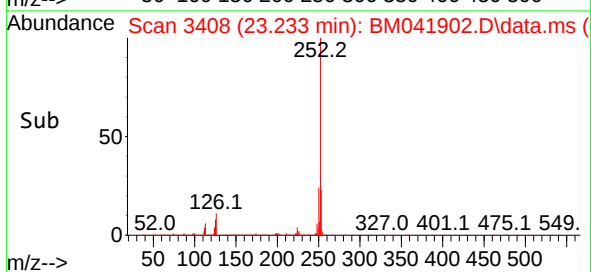
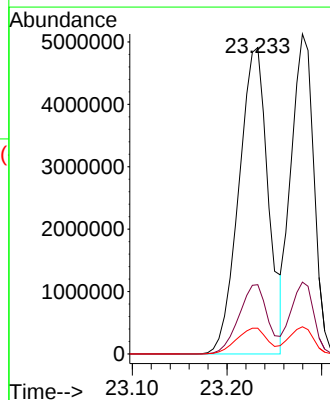
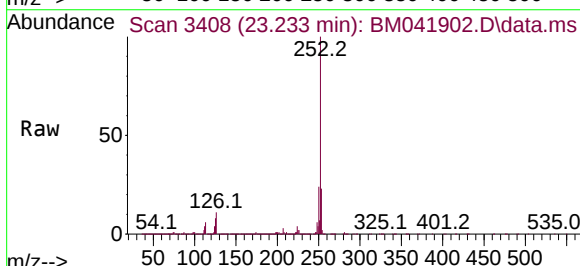
Tgt Ion:252 Resp:10615788

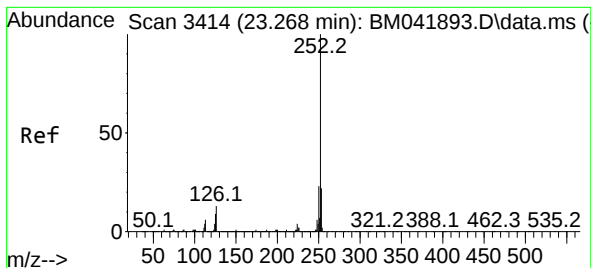
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 8.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 123.717 ng

RT: 23.280 min Scan# 3414

Delta R.T. 0.012 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

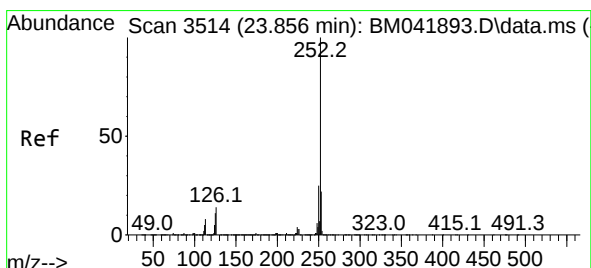
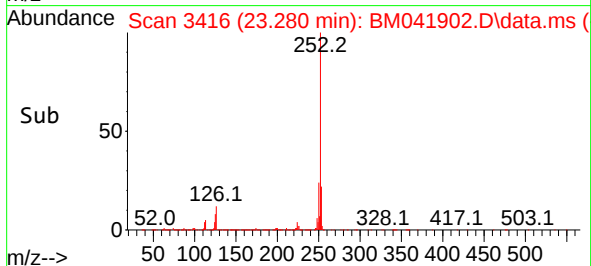
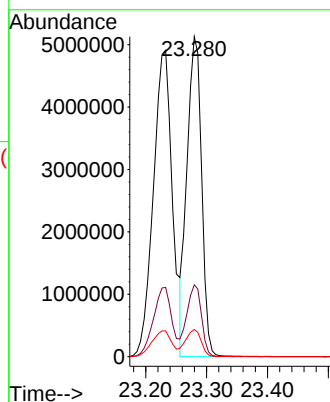
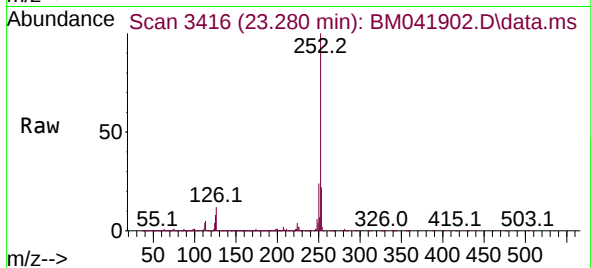
Tgt Ion:252 Resp: 8531222

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 8.5 7.7 11.5



#90

Benzo(a)pyrene

Concen: 148.102 ng

RT: 23.874 min Scan# 3517

Delta R.T. 0.018 min

Lab File: BM041902.D

Acq: 19 Sep 2023 10:11

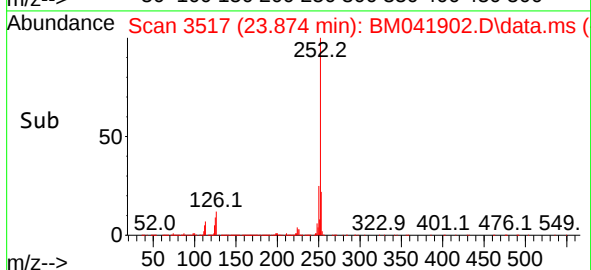
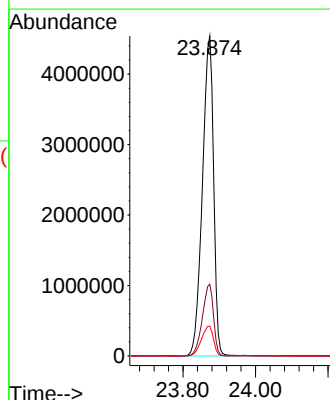
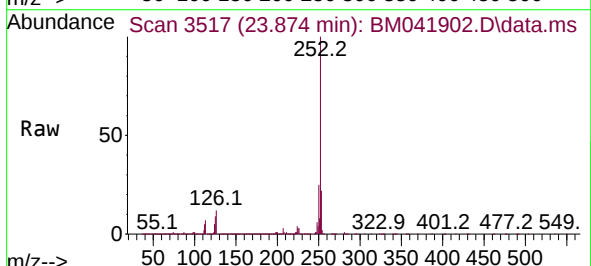
Tgt Ion:252 Resp: 9697758

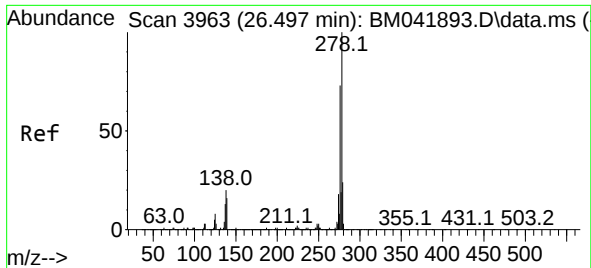
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 9.3 8.6 12.8





#91
 Dibenzo(a,h)anthracene
 Concen: 144.516 ng
 RT: 26.509 min Scan# 3965
 Delta R.T. 0.012 min
 Lab File: BM041902.D
 Acq: 19 Sep 2023 10:11

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Tgt Ion:278 Resp: 8597966

Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.8	19.2
279	24.3	19.2	28.8

