

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040324\
 Data File : BM044892.D
 Acq On : 03 Apr 2024 13:02
 Operator : MA/JU
 Sample : P1908-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Apr 03 13:35:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 00:28:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	71416	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	289506	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	187792	20.000	ng	0.00
64) Phenanthrene-d10	17.057	188	404911	20.000	ng	0.00
76) Chrysene-d12	21.262	240	425648	20.000	ng	0.00
86) Perylene-d12	23.497	264	549672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	140379	29.677	ng	0.00
7) Phenol-d6	6.828	99	175445	28.098	ng	0.00
23) Nitrobenzene-d5	8.804	82	108416	18.442	ng	-0.01
42) 2,4,6-Tribromophenol	15.798	330	65414	23.837	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	263879	19.058	ng	0.00
79) Terphenyl-d14	19.703	244	481180	19.316	ng	0.00
Target Compounds						Qvalue
11) bis(2-Chloroethyl)ether	7.092	93	58944	11.698	ng	95
18) Hexachloroethane	8.698	117	32830	15.808	ng	98
19) n-Nitroso-di-n-propyla...	8.457	70	71192	17.084	ng	96
24) Nitrobenzene	8.851	77	125317	21.797	ng	98
28) bis(2-Chloroethoxy)met...	9.857	93	152314	23.590	ng	95
31) Naphthalene	10.475	128	191179	12.218	ng	99
34) Hexachlorobutadiene	10.739	225	54965	20.654	ng	95
37) 2-Methylnaphthalene	12.098	142	146206	13.004	ng	98
38) 1-Methylnaphthalene	12.316	142	76543	7.191	ng	97
47) 2-Chloronaphthalene	13.163	162	377667	35.373	ng	100
49) Acenaphthylene	14.016	152	290165	16.330	ng	99
51) 2,6-Dinitrotoluene	13.892	165	87983	28.275	ng	98
52) Acenaphthene	14.363	154	73584	6.870	ng	96
55) Dibenzofuran	14.698	168	217169	12.299	ng	96
57) 2,4-Dinitrotoluene	14.692	165	100913	23.189	ng	95
58) Fluorene	15.351	166	362879	25.358	ng	100
60) Diethylphthalate	15.139	149	324244	21.286	ng	99
62) 4-Nitroaniline	15.398	138	67914	20.906	ng	98
66) n-Nitrosodiphenylamine	15.574	169	155132	12.662	ng	98
68) Hexachlorobenzene	16.351	284	67247	13.417	ng	98
71) Phenanthrene	17.098	178	355825	15.810	ng	99
72) Anthracene	17.186	178	479265	21.031	ng	100
74) Di-n-butylphthalate	18.039	149	913007	33.058	ng	99
75) Fluoranthene	19.127	202	926302	34.779	ng	99
78) Pyrene	19.492	202	507852	17.918	ng	99
80) Butylbenzylphthalate	20.415	149	354013	27.067	ng	98
83) Chrysene	21.303	228	319814	11.474	ng	99
84) Bis(2-ethylhexyl)phtha...	21.197	149	455820	21.818	ng	99
87) Indeno(1,2,3-cd)pyrene	25.750	276	1239073	30.043	ng	95
88) Benzo(b)fluoranthene	22.833	252	996202	30.566	ng	99
89) Benzo(k)fluoranthene	22.874	252	247258	7.639	ng	99
90) Benzo(a)pyrene	23.403	252	459727	14.563	ng	99
91) Dibenzo(a,h)anthracene	25.762	278	324647	9.348	ng	98
92) Benzo(g,h,i)perylene	26.426	276	194529	5.831	ng	98

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QLast Update : Wed Apr 03 00:28:57 2024
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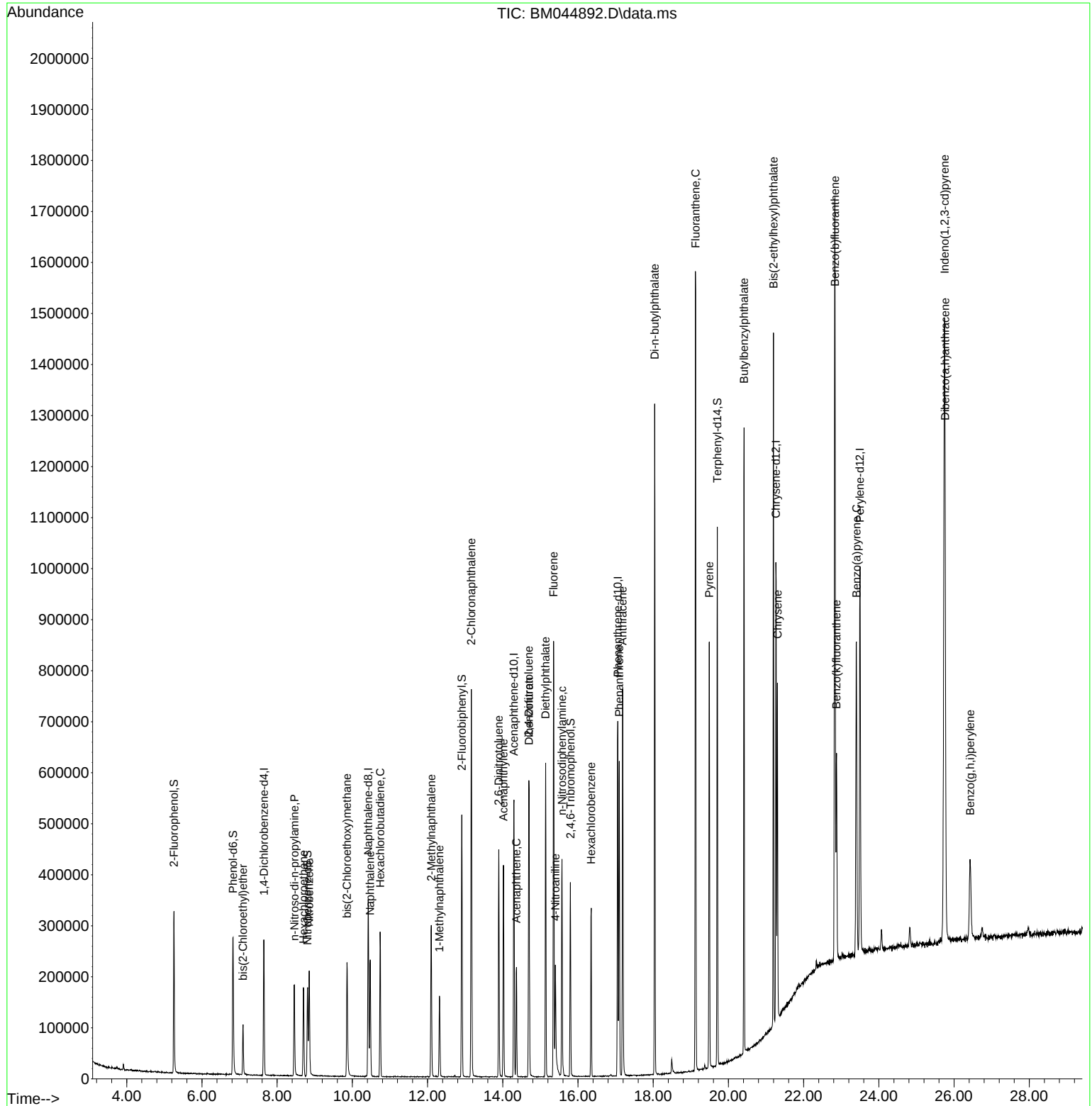
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

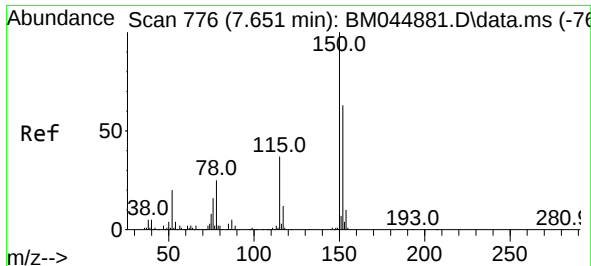
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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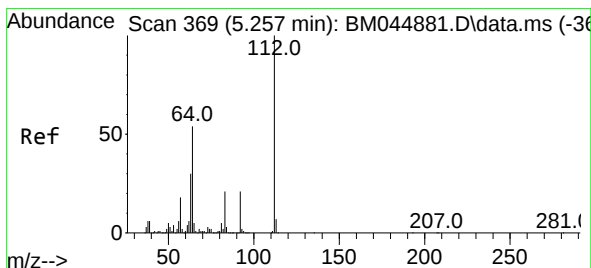
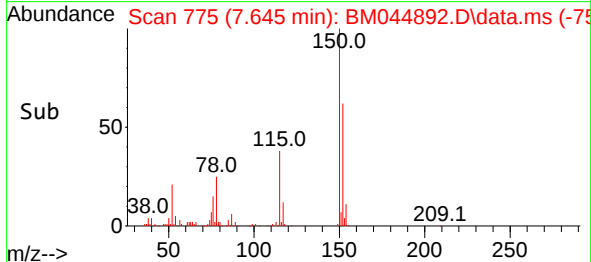
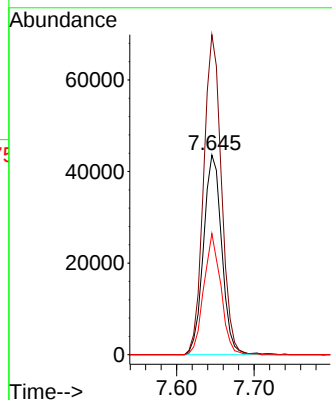
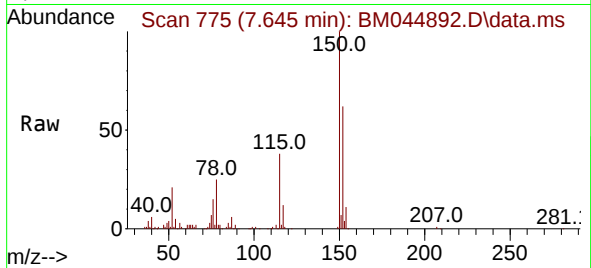




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.645 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

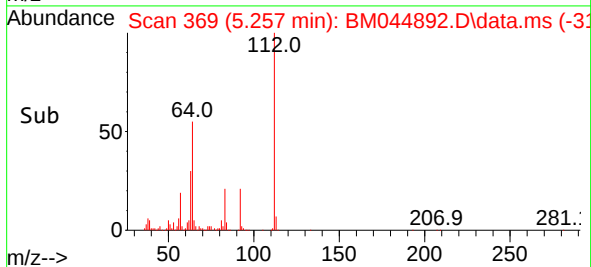
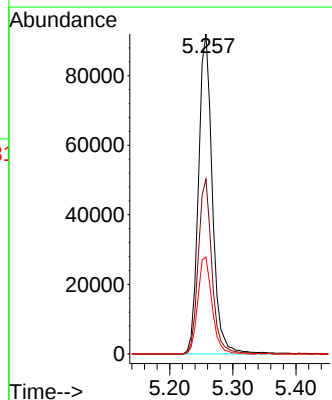
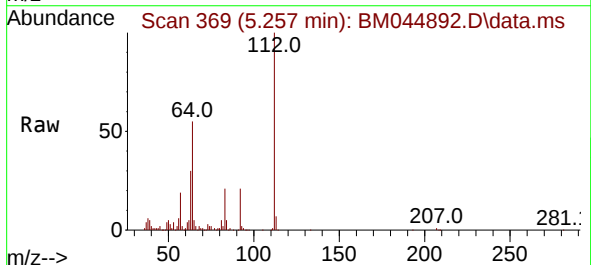
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

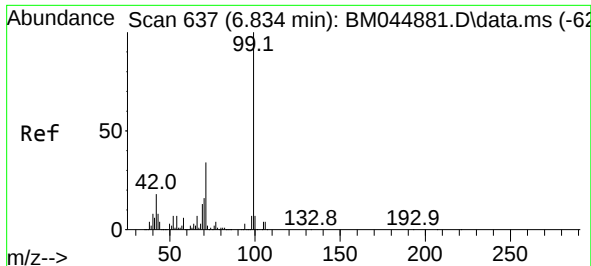
Tgt Ion:152 Resp: 71416
Ion Ratio Lower Upper
152 100
150 160.2 126.5 189.7
115 60.6 47.3 70.9



#5
2-Fluorophenol
Concen: 29.677 ng
RT: 5.257 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:112 Resp: 140379
Ion Ratio Lower Upper
112 100
64 54.6 43.0 64.4
63 30.3 24.3 36.5

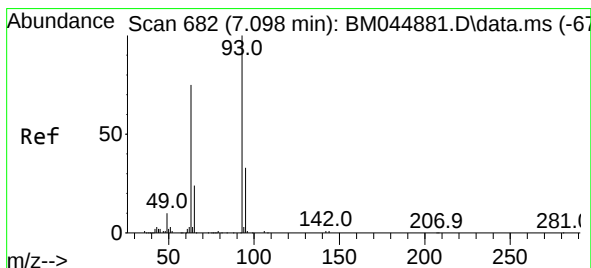
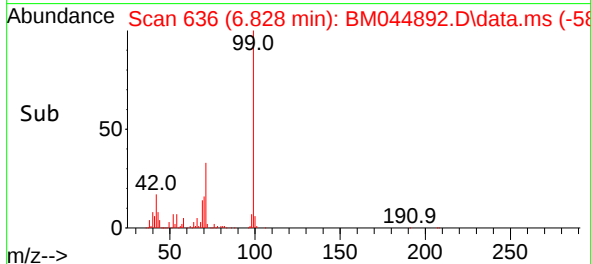
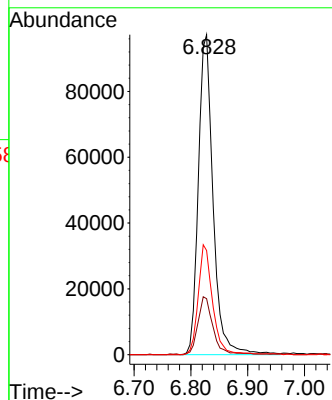
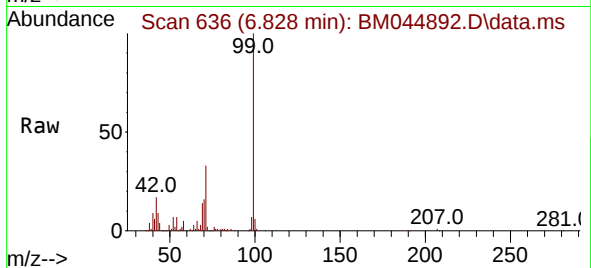




#7
Phenol-d6
Concen: 28.098 ng
RT: 6.828 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

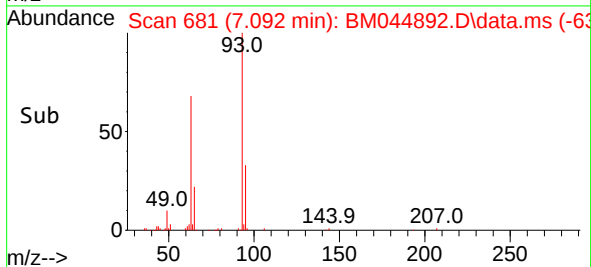
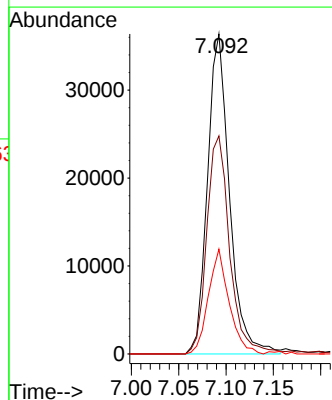
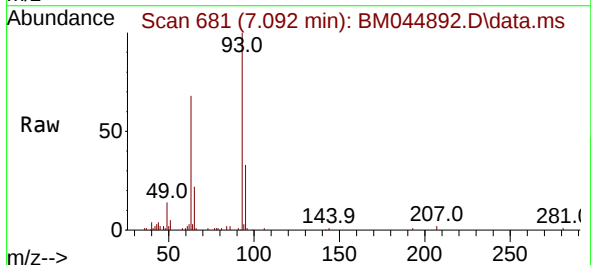
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

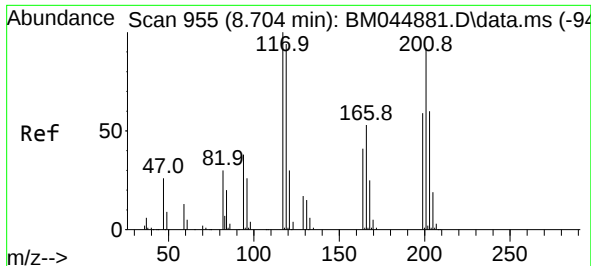
Tgt Ion: 99 Resp: 175445
Ion Ratio Lower Upper
99 100
42 17.5 14.2 21.4
71 32.5 27.5 41.3



#11
bis(2-Chloroethyl)ether
Concen: 11.698 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

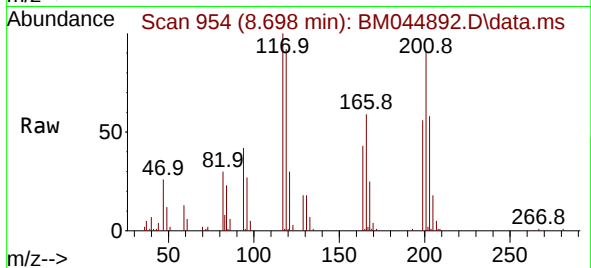
Tgt Ion: 93 Resp: 58944
Ion Ratio Lower Upper
93 100
63 68.2 54.2 94.2
95 32.8 12.9 52.9



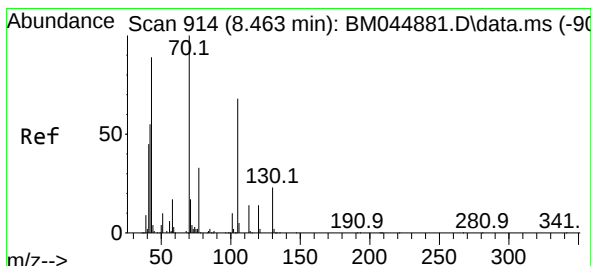
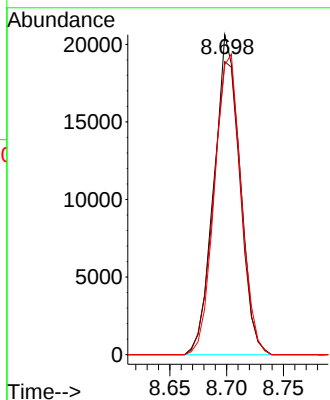
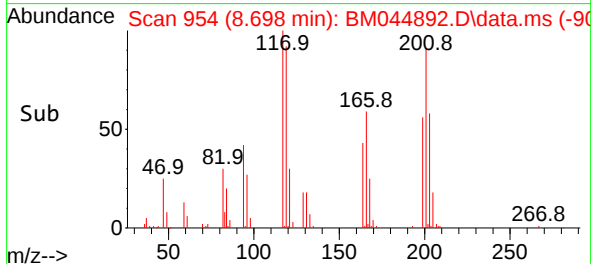


#18
Hexachloroethane
Concen: 15.808 ng
RT: 8.698 min Scan# 914
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

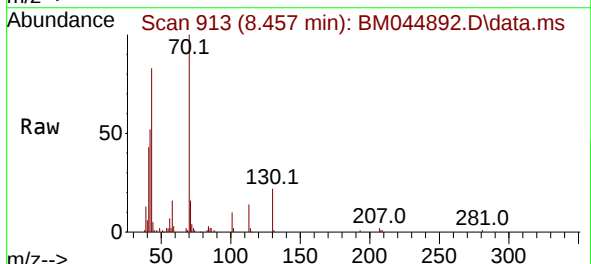
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL



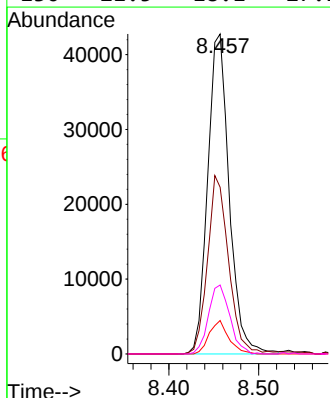
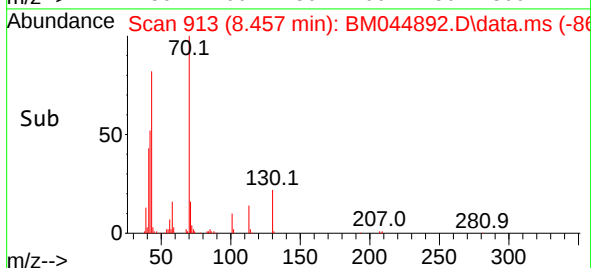
Tgt Ion:117 Resp: 32830
Ion Ratio Lower Upper
117 100
119 91.6 75.0 112.6
201 90.5 73.2 109.8

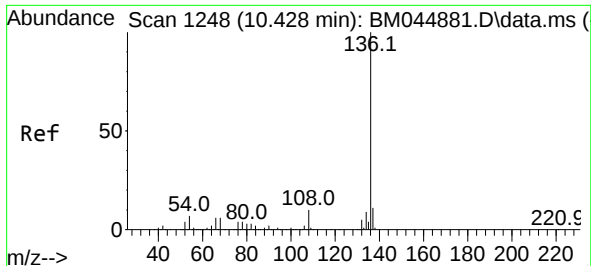


#19
n-Nitroso-di-n-propylamine
Concen: 17.084 ng
RT: 8.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02



Tgt Ion: 70 Resp: 71192
Ion Ratio Lower Upper
70 100
42 52.1 44.8 67.2
101 10.4 8.2 12.2
130 21.5 18.1 27.1

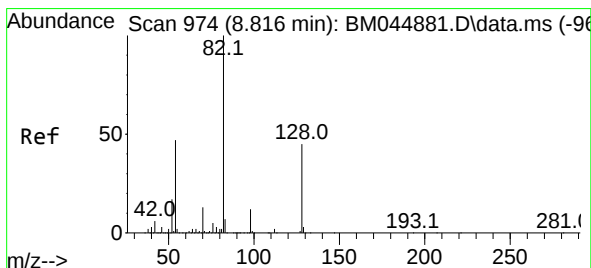
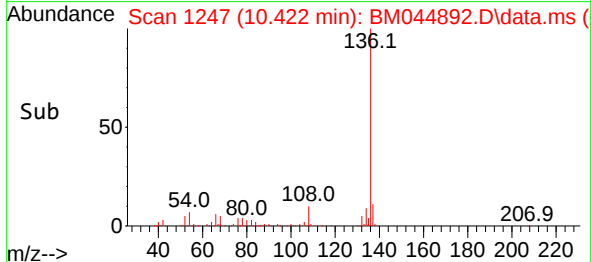
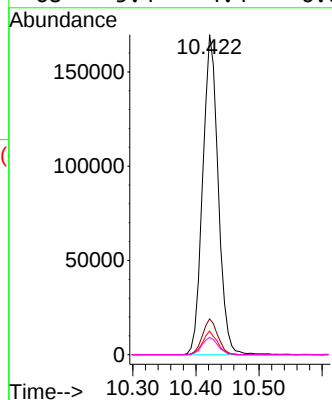
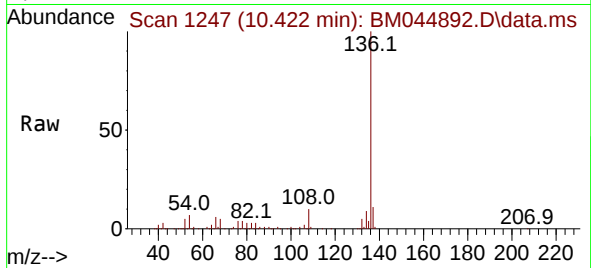




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

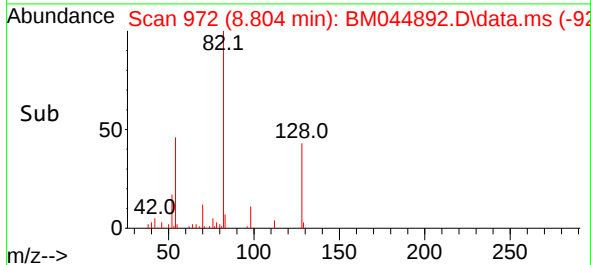
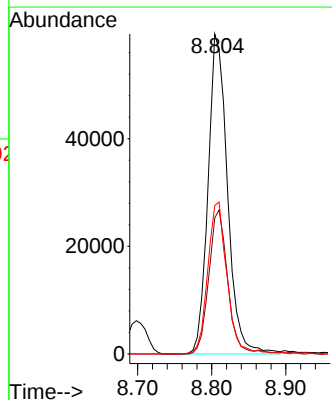
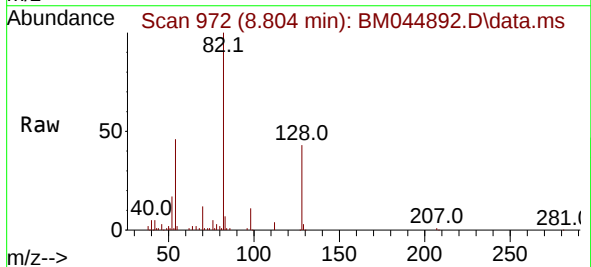
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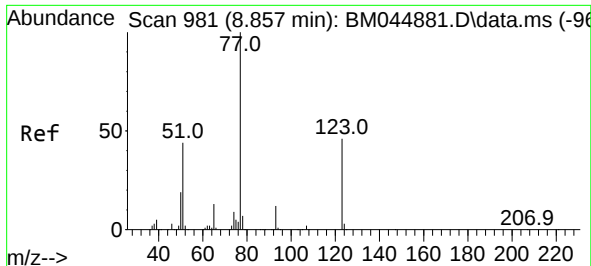
Tgt Ion:136 Resp: 289506
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.4 5.9 8.9
68 5.4 4.4 6.6



#23
Nitrobenzene-d5
Concen: 18.442 ng
RT: 8.804 min Scan# 972
Delta R.T. -0.012 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion: 82 Resp: 108416
Ion Ratio Lower Upper
82 100
128 42.6 36.2 54.4
54 46.4 37.5 56.3

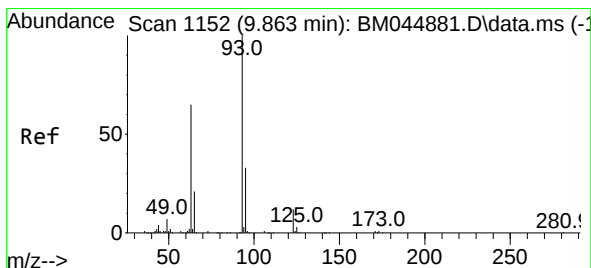
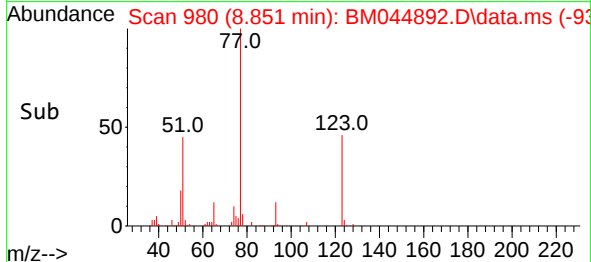
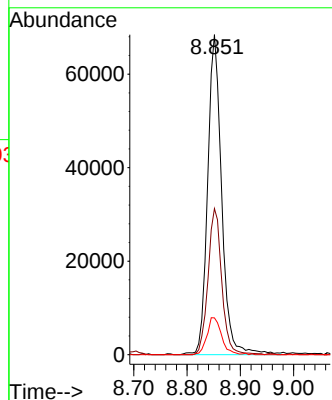
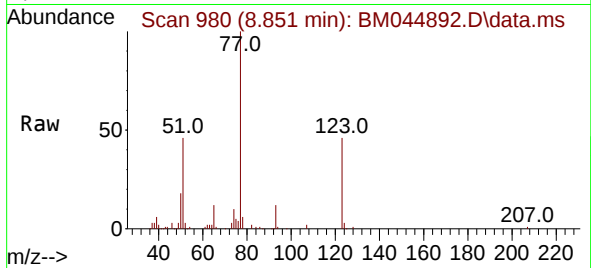




#24
Nitrobenzene
Concen: 21.797 ng
RT: 8.851 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

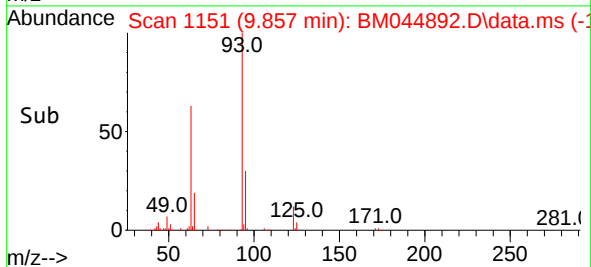
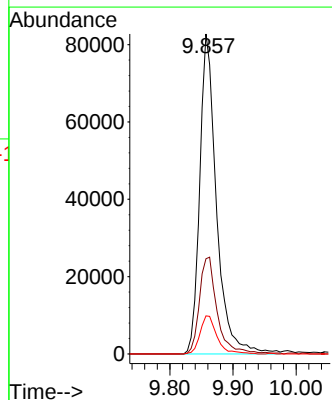
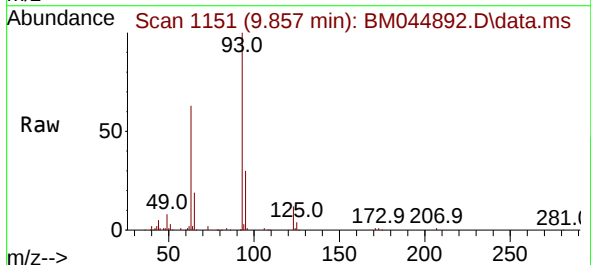
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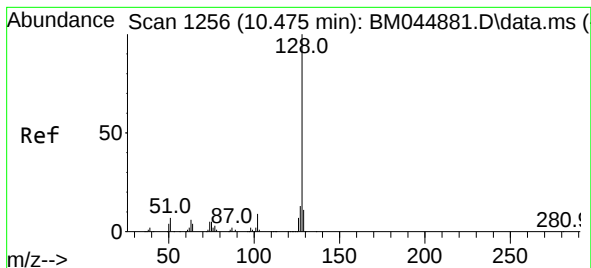
Tgt Ion: 77 Resp: 125317
Ion Ratio Lower Upper
77 100
123 45.6 37.0 55.6
65 11.5 10.3 15.5



#28
bis(2-Chloroethoxy)methane
Concen: 23.590 ng
RT: 9.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion: 93 Resp: 152314
Ion Ratio Lower Upper
93 100
95 29.8 26.7 40.1
123 11.9 9.7 14.5





#31

Naphthalene

Concen: 12.218 ng

RT: 10.475 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

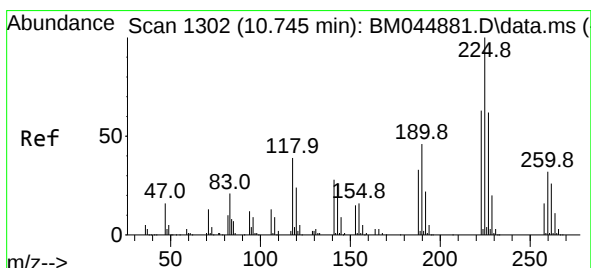
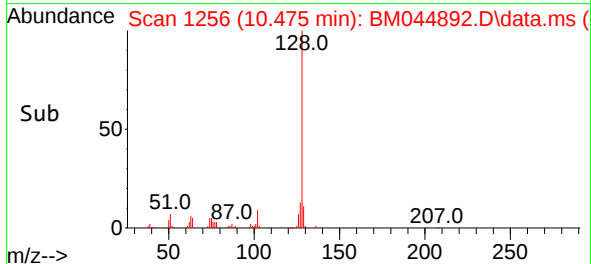
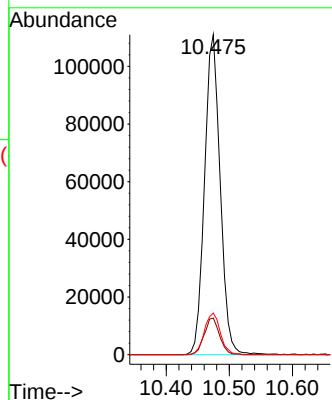
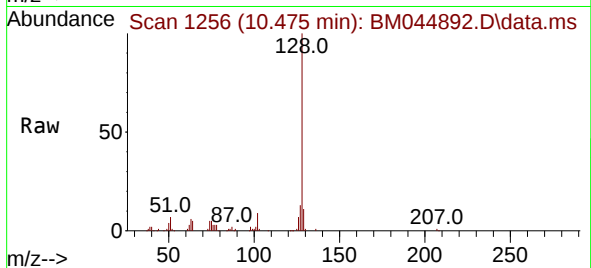
Tgt Ion:128 Resp: 191179

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

127 13.0 10.4 15.6



#34

Hexachlorobutadiene

Concen: 20.654 ng

RT: 10.739 min Scan# 1301

Delta R.T. -0.006 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

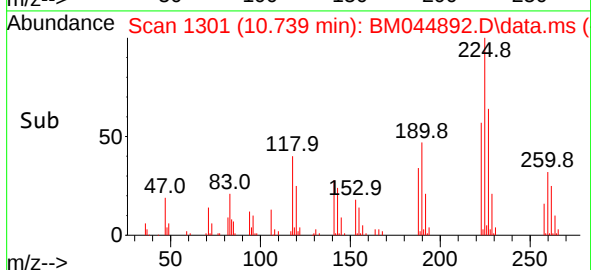
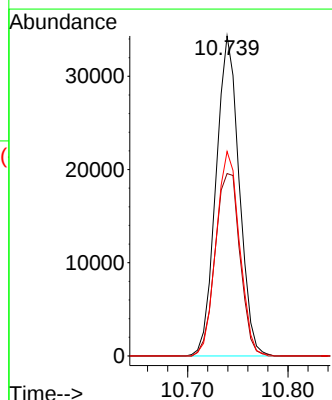
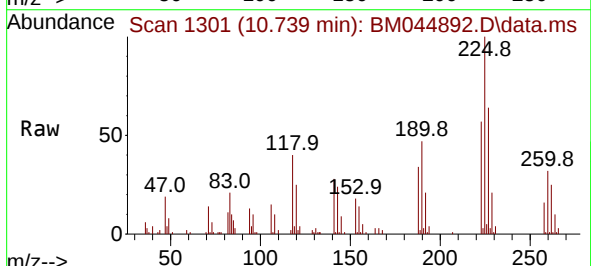
Tgt Ion:225 Resp: 54965

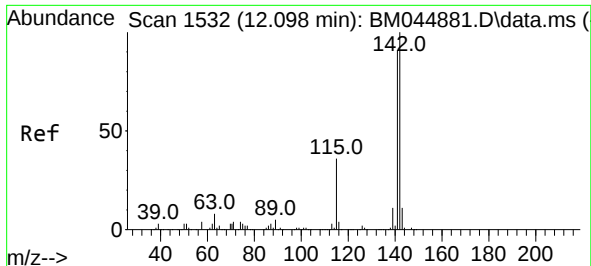
Ion Ratio Lower Upper

225 100

223 57.0 50.2 75.2

227 63.9 49.8 74.6

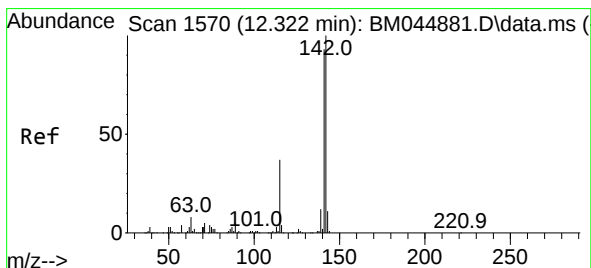
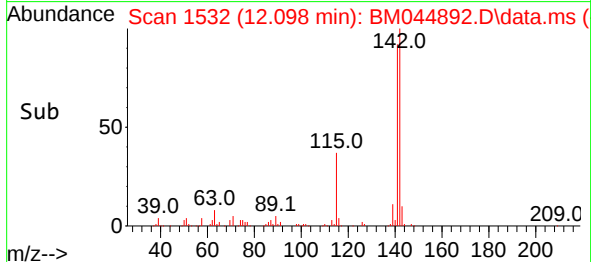
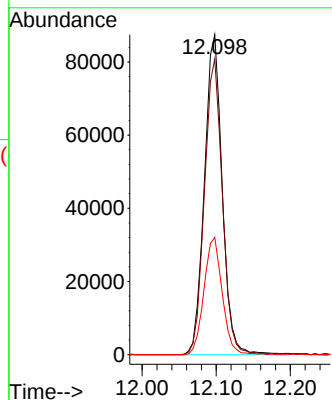
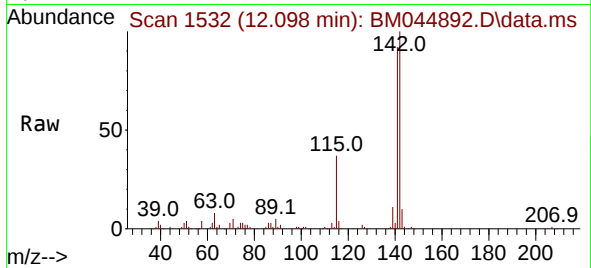




#37
2-Methylnaphthalene
Concen: 13.004 ng
RT: 12.098 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

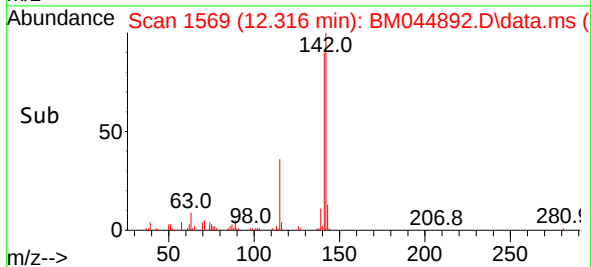
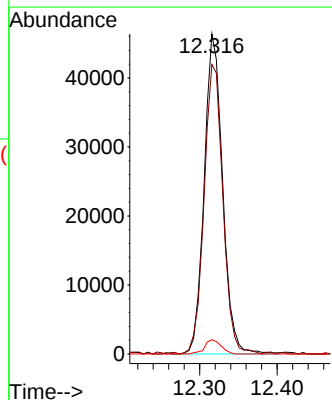
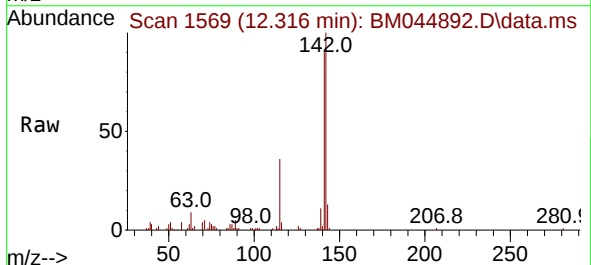
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

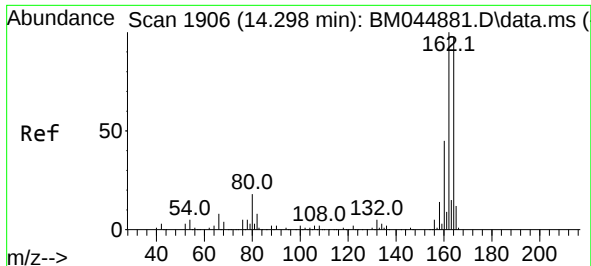
Tgt Ion:142 Resp: 146206
Ion Ratio Lower Upper
142 100
141 92.4 72.5 108.7
115 36.7 29.0 43.4



#38
1-Methylnaphthalene
Concen: 7.191 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:142 Resp: 76543
Ion Ratio Lower Upper
142 100
141 90.4 74.3 111.5
116 4.5 3.1 4.7

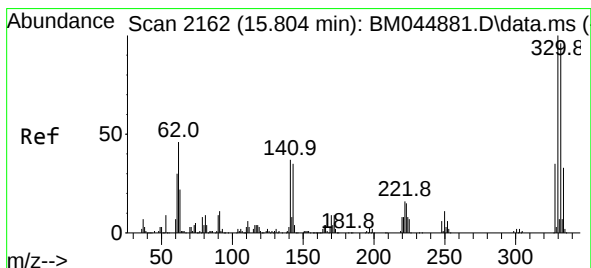
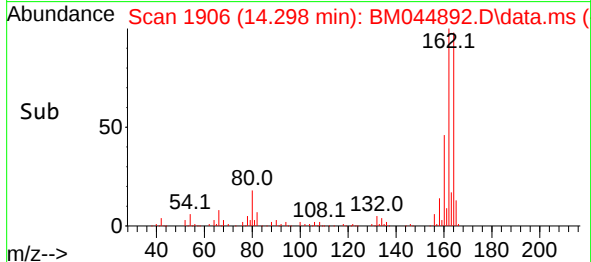
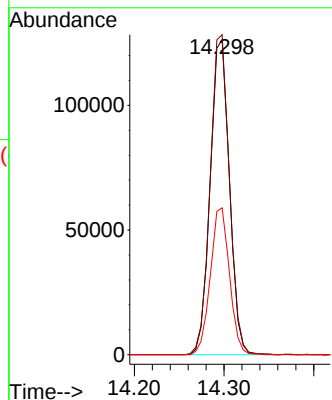
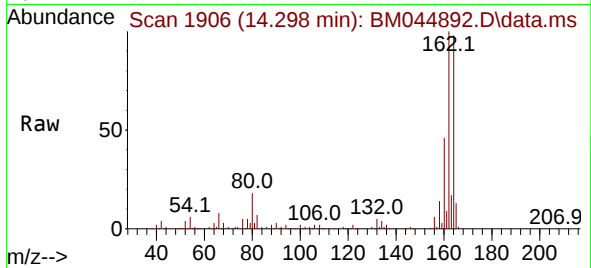




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

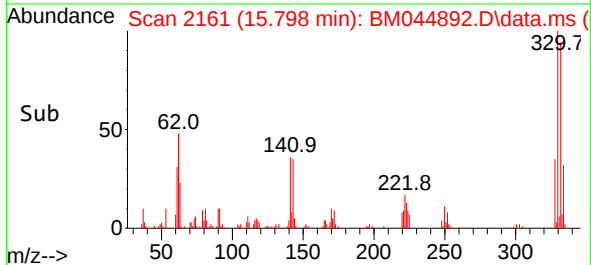
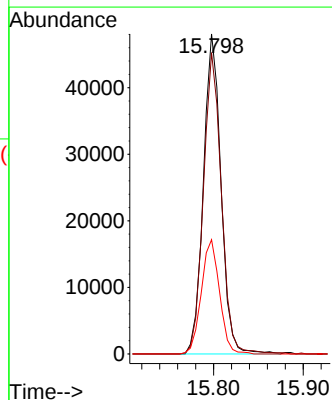
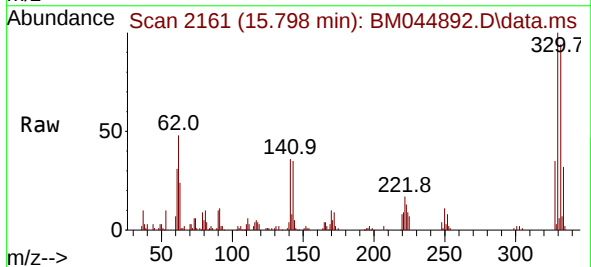
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

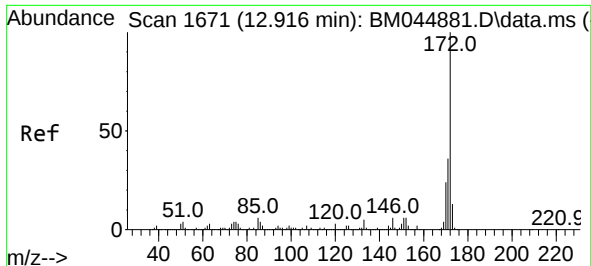
Tgt Ion:164 Resp: 187792
Ion Ratio Lower Upper
164 100
162 101.6 82.1 123.1
160 46.6 36.8 55.2



#42
2,4,6-Tribromophenol
Concen: 23.837 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:330 Resp: 65414
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 36.9 30.9 46.3

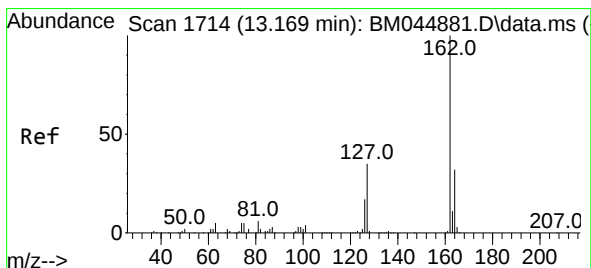
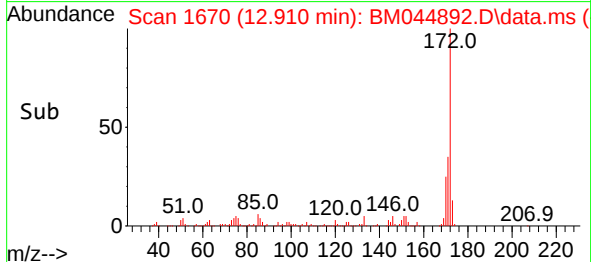
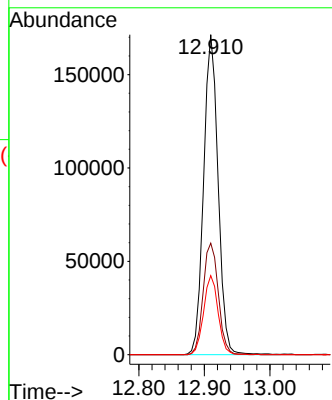
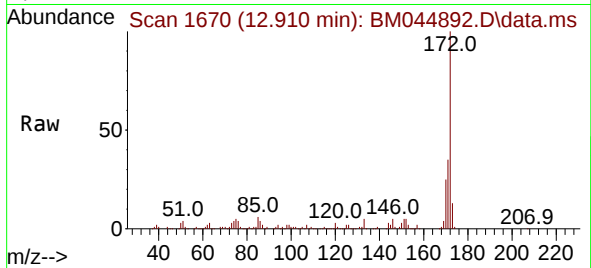




#45
2-Fluorobiphenyl
Concen: 19.058 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

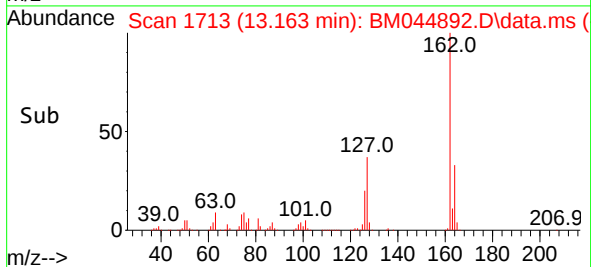
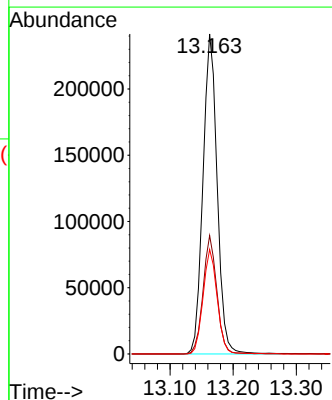
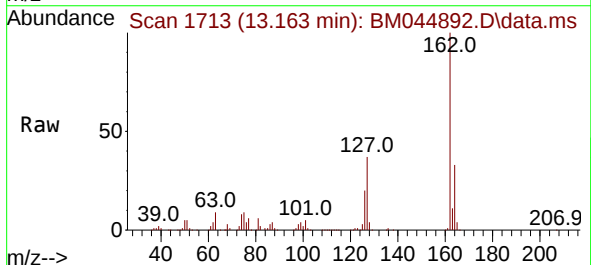
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

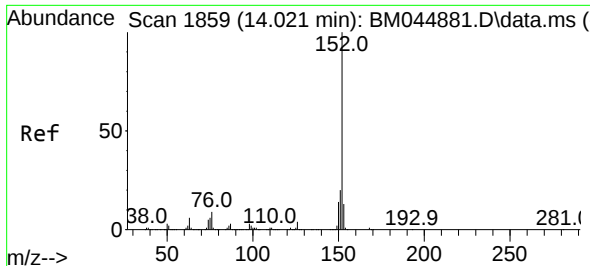
Tgt Ion:172 Resp: 263879
Ion Ratio Lower Upper
172 100
171 34.8 28.9 43.3
170 24.7 19.5 29.3



#47
2-Chloronaphthalene
Concen: 35.373 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:162 Resp: 377667
Ion Ratio Lower Upper
162 100
127 37.0 29.6 44.4
164 32.7 25.8 38.8

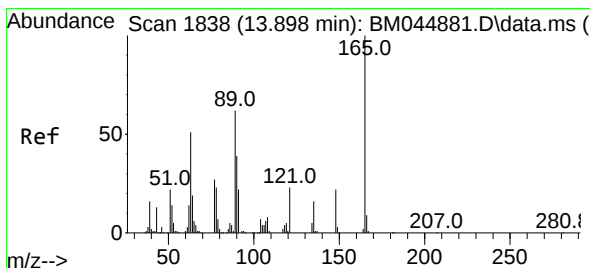
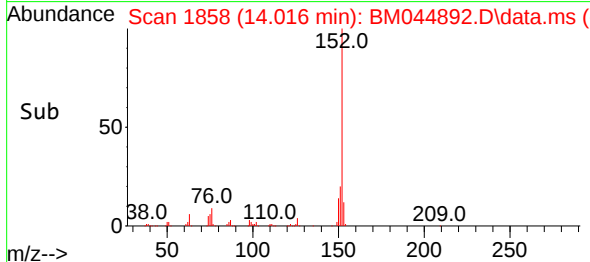
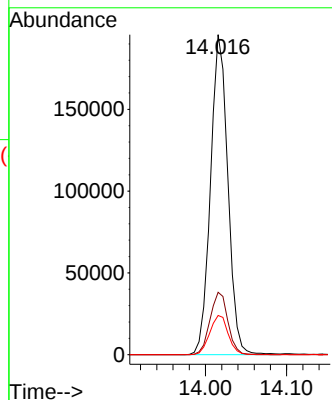
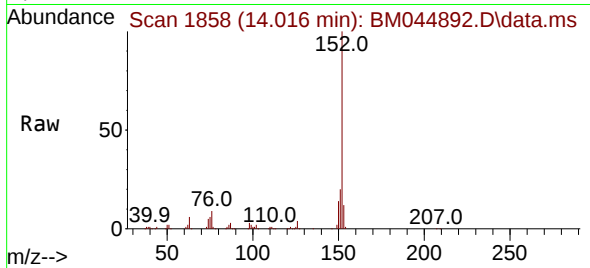




#49
Acenaphthylene
Concen: 16.330 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

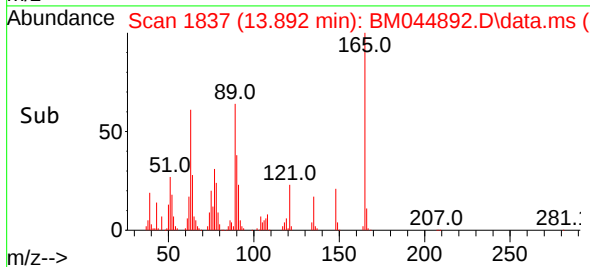
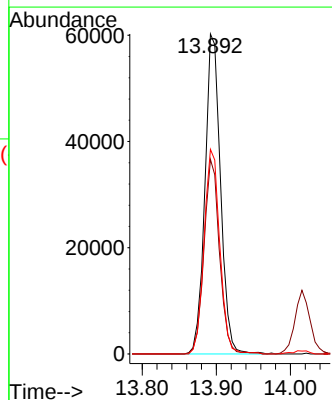
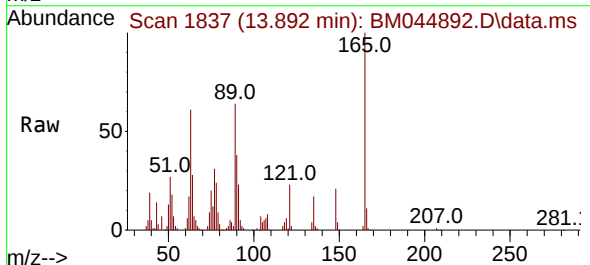
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

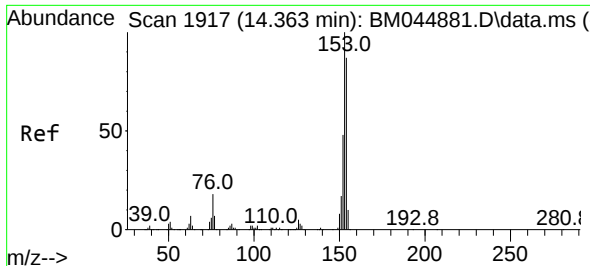
Tgt Ion:152 Resp: 290165
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 12.2 10.2 15.4



#51
2,6-Dinitrotoluene
Concen: 28.275 ng
RT: 13.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:165 Resp: 87983
Ion Ratio Lower Upper
165 100
63 60.8 47.9 71.9
89 63.9 49.4 74.0

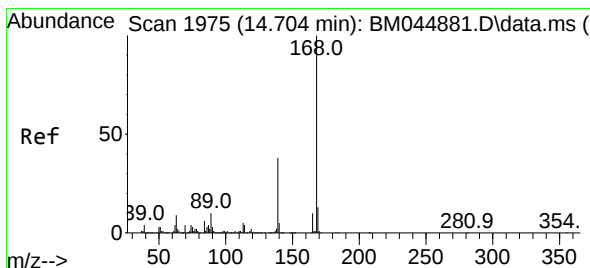
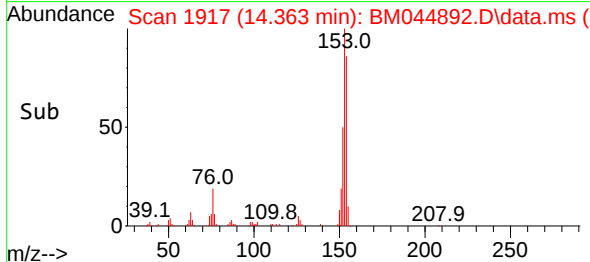
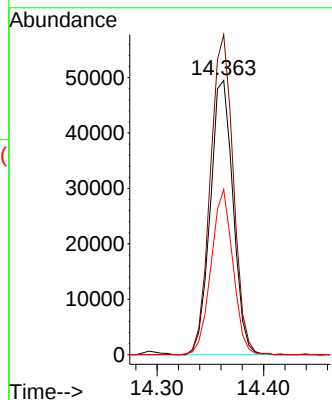
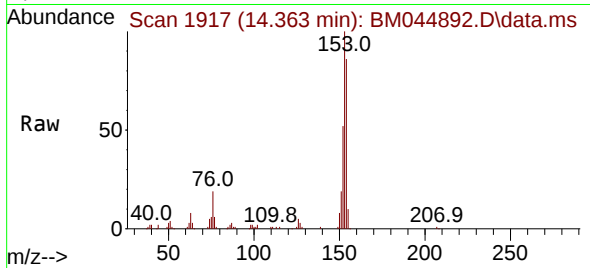




#52
Acenaphthene
Concen: 6.870 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

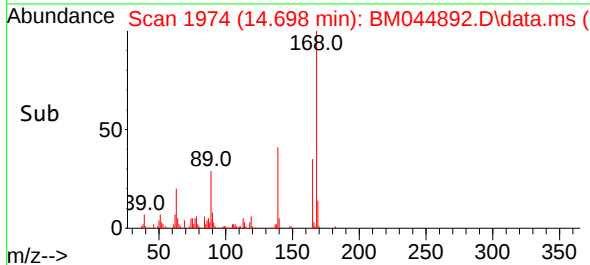
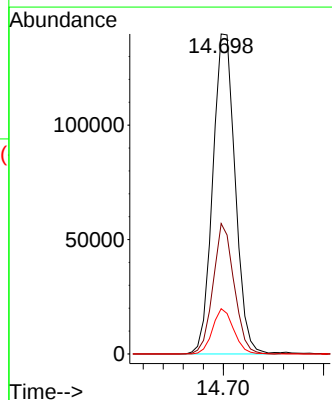
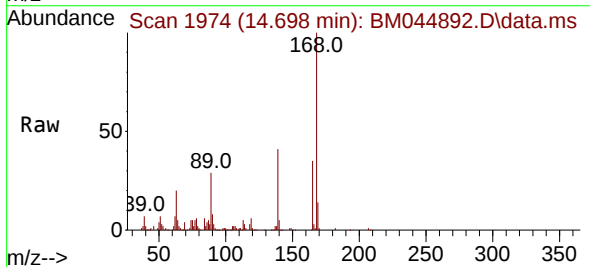
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

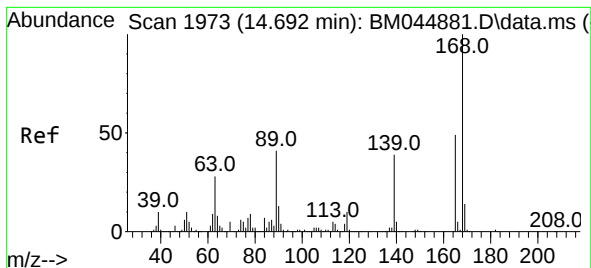
Tgt Ion:154 Resp: 73584
Ion Ratio Lower Upper
154 100
153 116.7 91.7 137.5
152 60.2 43.7 65.5



#55
Dibenzofuran
Concen: 12.299 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:168 Resp: 217169
Ion Ratio Lower Upper
168 100
139 40.7 30.3 45.5
169 14.1 10.7 16.1

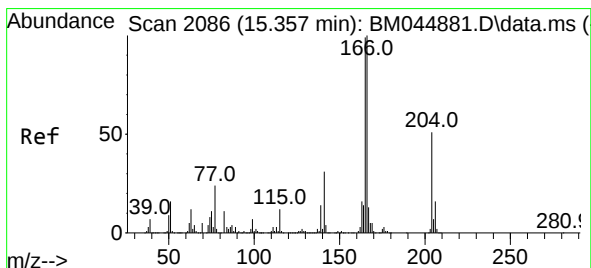
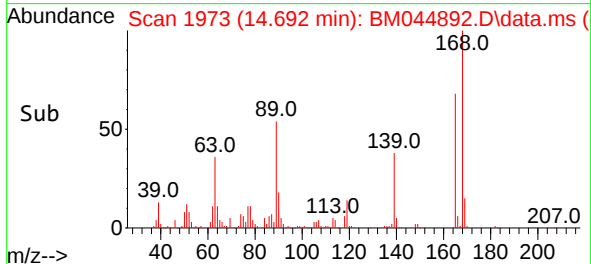
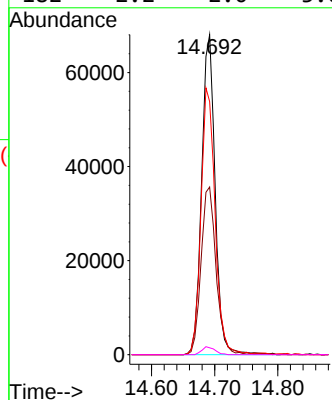
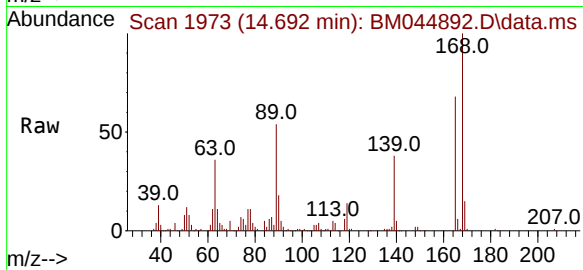




#57
2,4-Dinitrotoluene
Concen: 23.189 ng
RT: 14.692 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

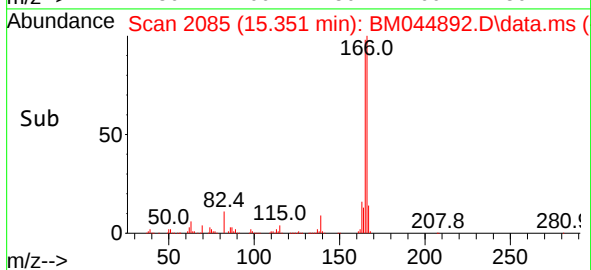
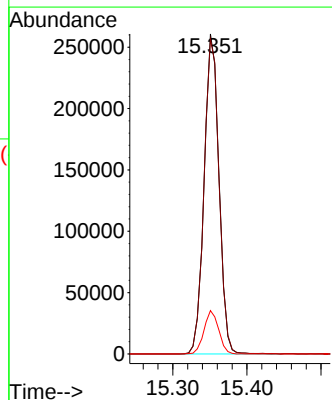
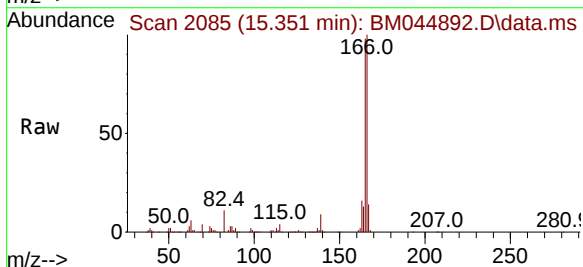
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

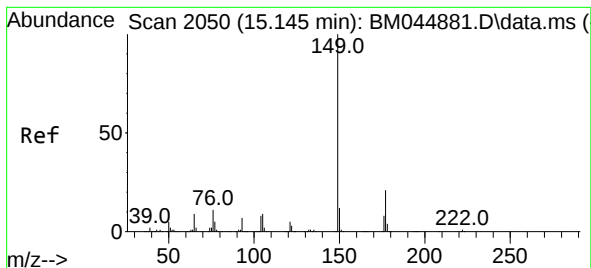
Tgt Ion:165 Resp: 100913
Ion Ratio Lower Upper
165 100
63 52.4 45.8 68.8
89 79.1 66.6 100.0
182 2.2 2.0 3.0



#58
Fluorene
Concen: 25.358 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:166 Resp: 362879
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 13.5 10.7 16.1





#60

Diethylphthalate

Concen: 21.286 ng

RT: 15.139 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

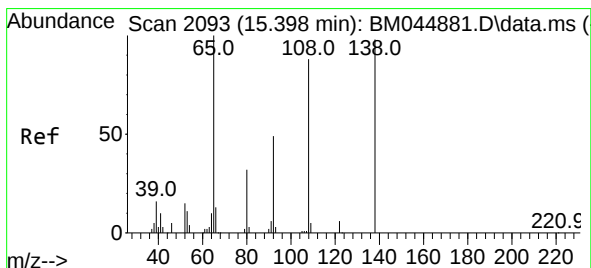
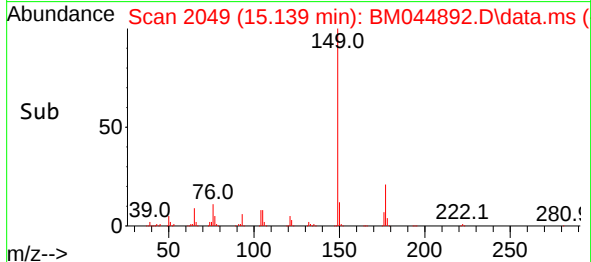
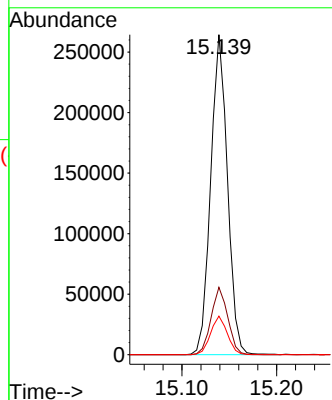
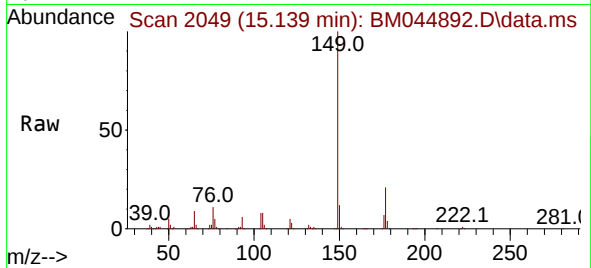
Tgt Ion:149 Resp: 324244

Ion Ratio Lower Upper

149 100

177 21.0 17.2 25.8

150 12.1 9.6 14.4



#62

4-Nitroaniline

Concen: 20.906 ng

RT: 15.398 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

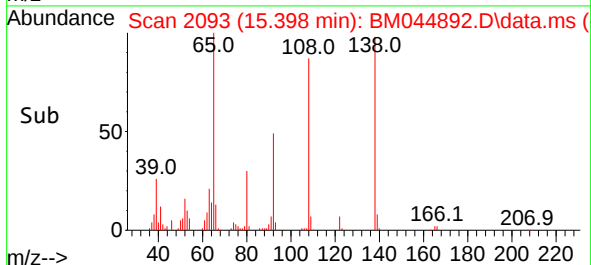
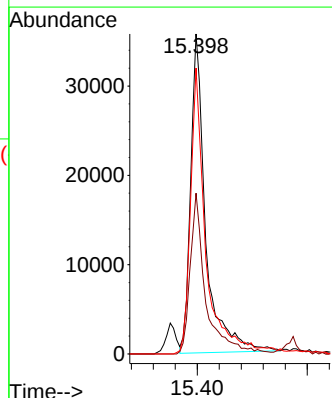
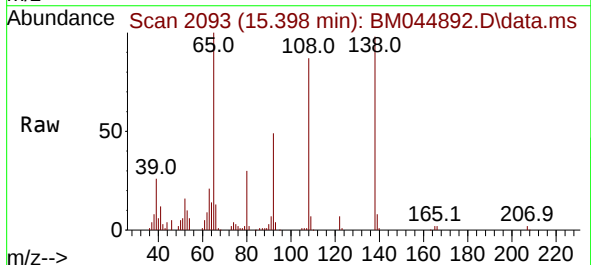
Tgt Ion:138 Resp: 67914

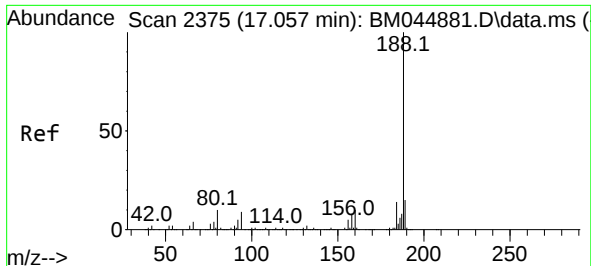
Ion Ratio Lower Upper

138 100

92 50.3 29.7 69.7

108 89.3 67.5 107.5

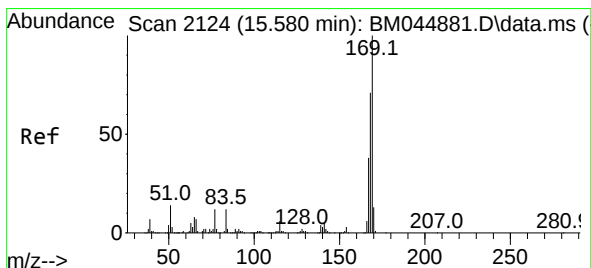
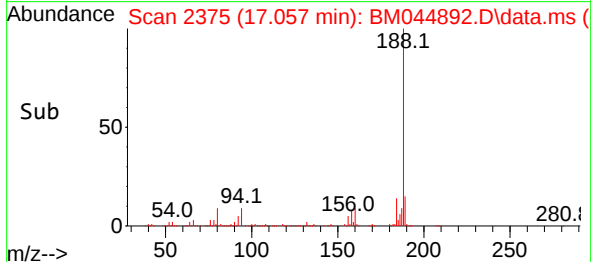
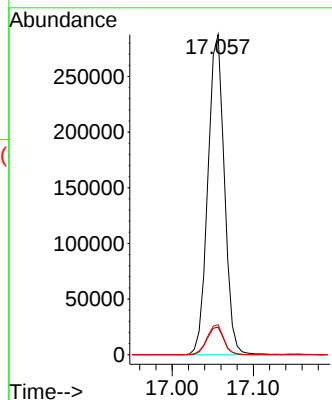
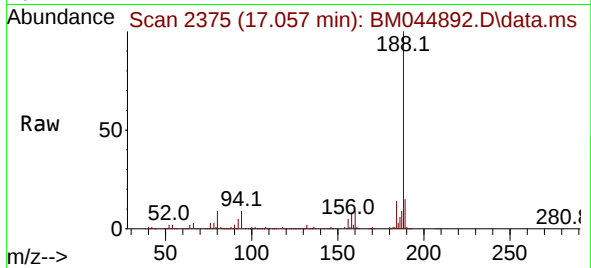




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

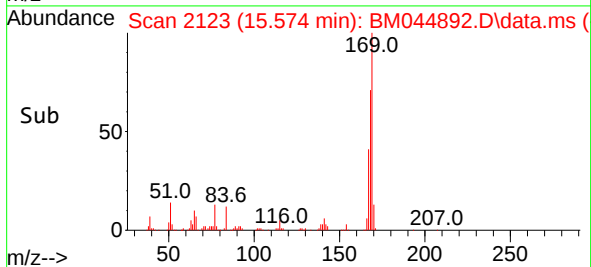
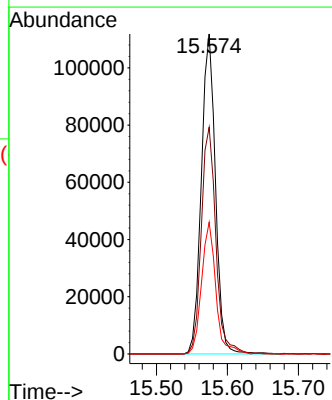
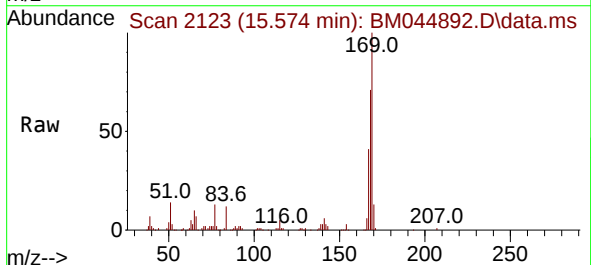
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

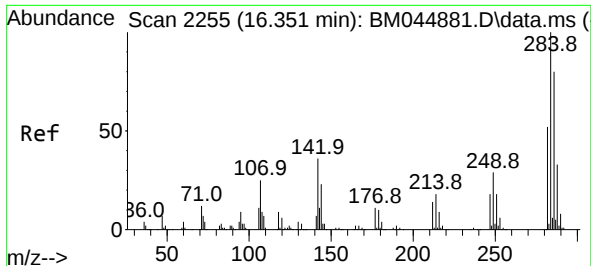
Tgt Ion:188 Resp: 404911
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.3 7.7 11.5



#66
n-Nitrosodiphenylamine
Concen: 12.662 ng
RT: 15.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:169 Resp: 155132
Ion Ratio Lower Upper
169 100
168 70.8 57.2 85.8
167 41.1 30.8 46.2

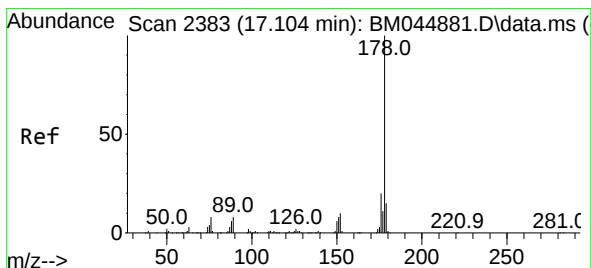
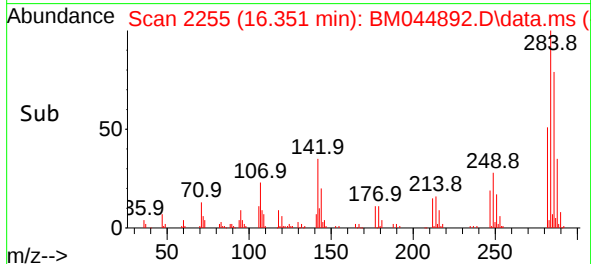
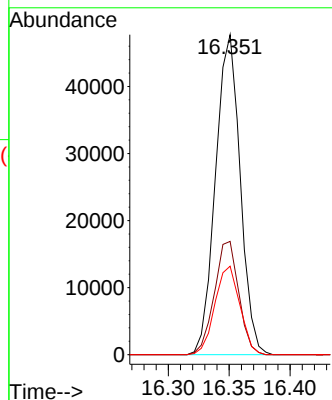
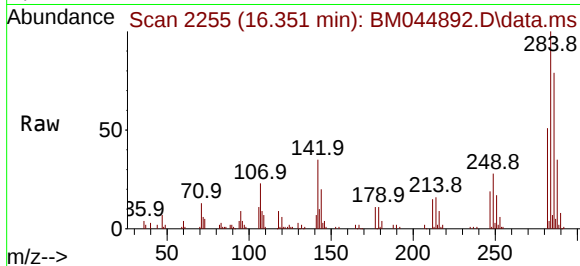




#68
Hexachlorobenzene
Concen: 13.417 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

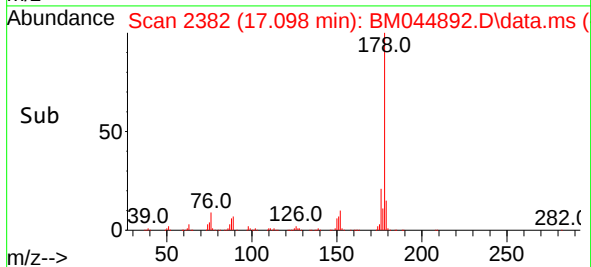
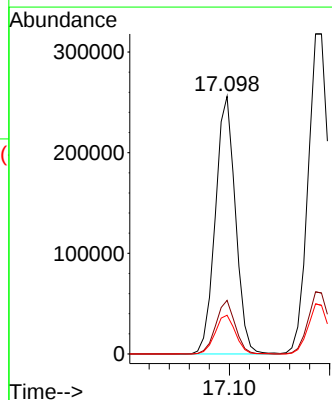
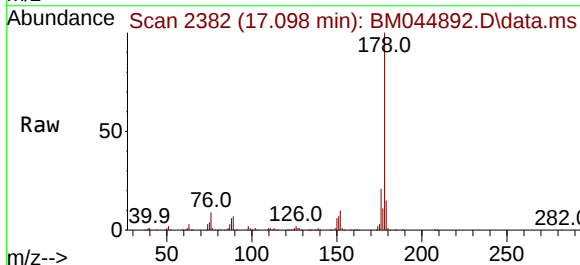
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

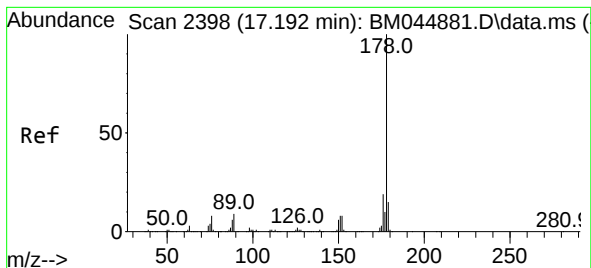
Tgt Ion:284 Resp: 67247
Ion Ratio Lower Upper
284 100
142 35.4 29.0 43.4
249 27.7 23.0 34.6



#71
Phenanthrene
Concen: 15.810 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:178 Resp: 355825
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 15.0 12.4 18.6





#72

Anthracene

Concen: 21.031 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

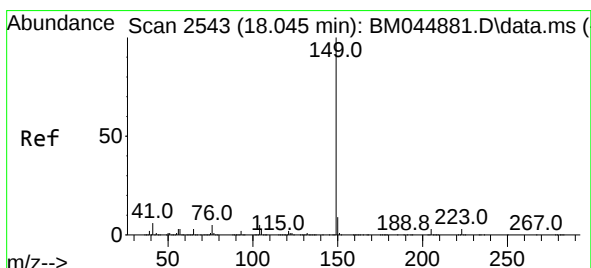
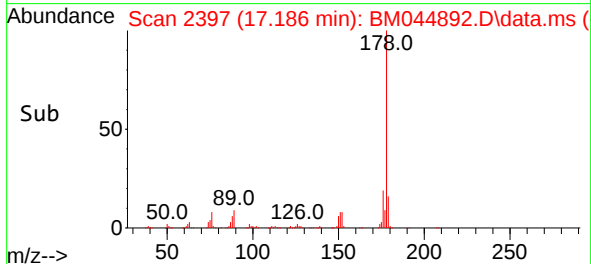
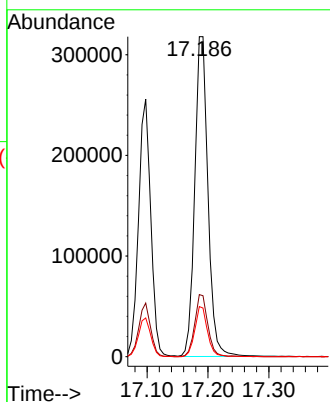
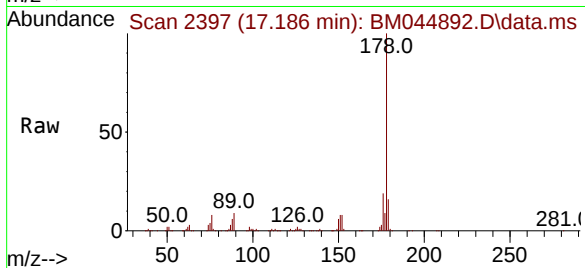
Tgt Ion:178 Resp: 479265

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.7 12.3 18.5



#74

Di-n-butylphthalate

Concen: 33.058 ng

RT: 18.039 min Scan# 2542

Delta R.T. -0.006 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

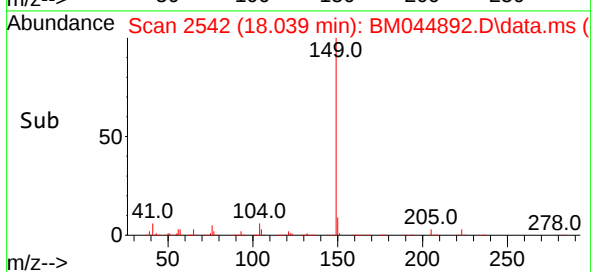
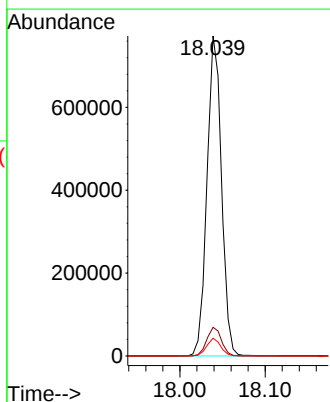
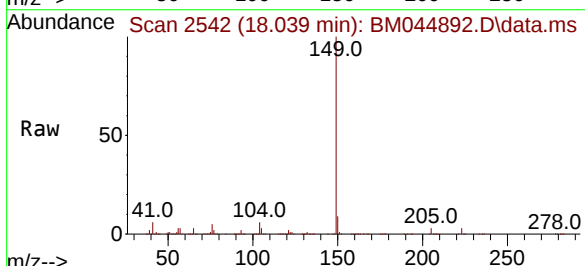
Tgt Ion:149 Resp: 913007

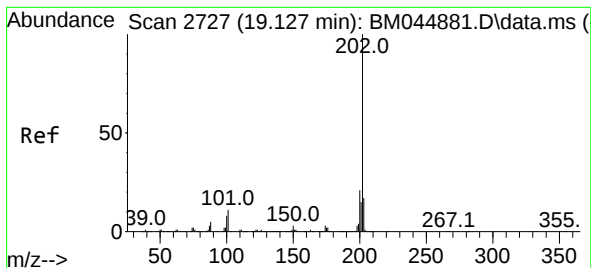
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 5.6 4.2 6.2

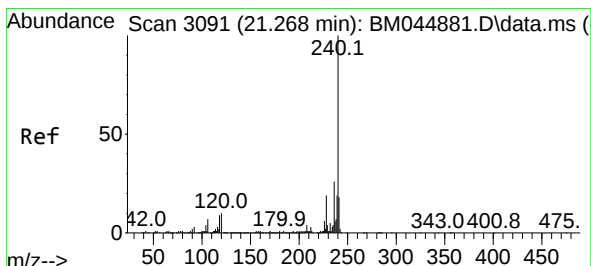
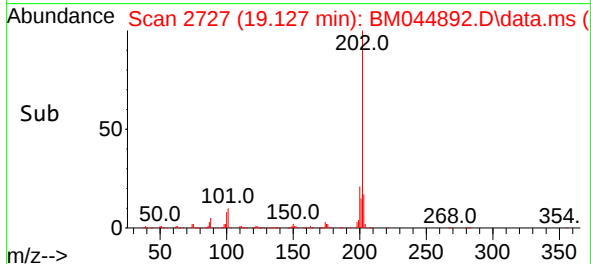
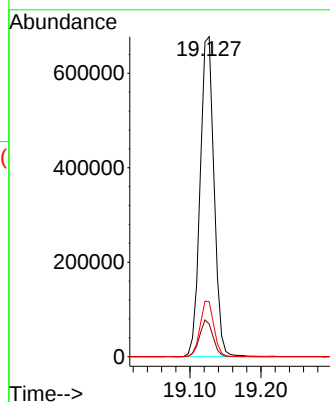
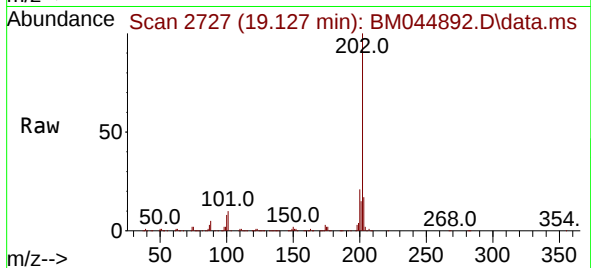




#75
Fluoranthene
Concen: 34.779 ng
RT: 19.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

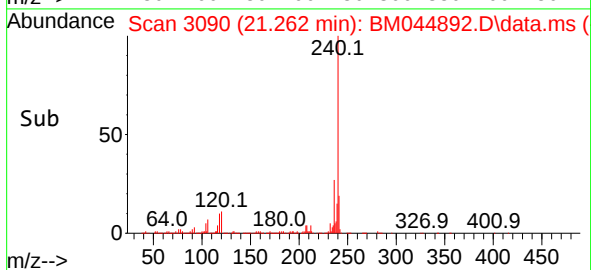
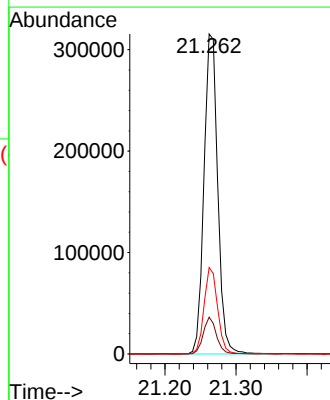
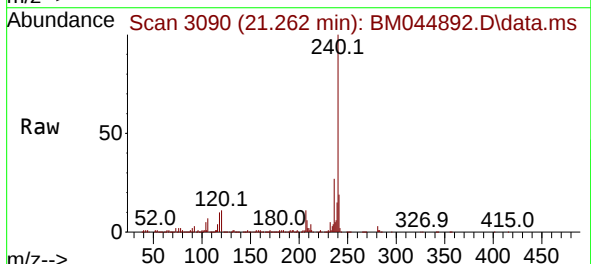
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

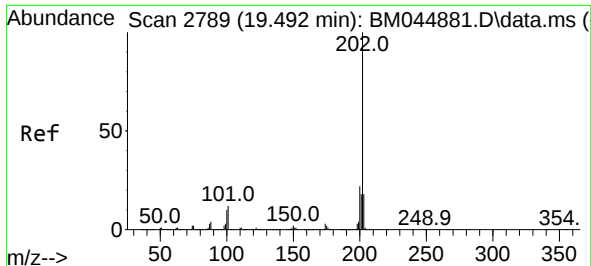
Tgt Ion:202 Resp: 926302
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.9
203 17.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.262 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:240 Resp: 425648
Ion Ratio Lower Upper
240 100
120 11.5 7.8 11.8
236 27.0 20.6 30.8

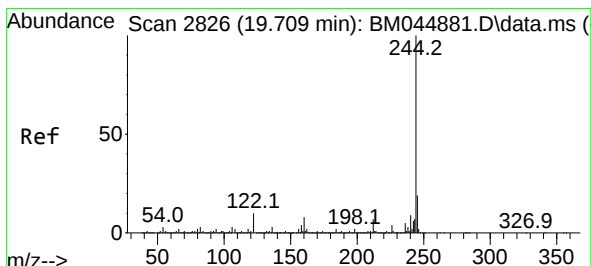
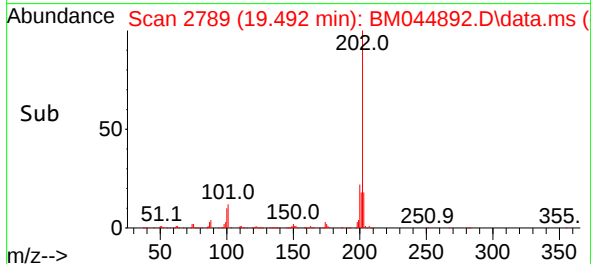
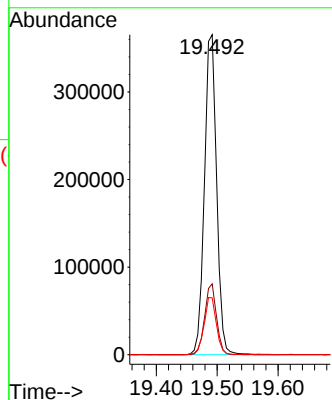
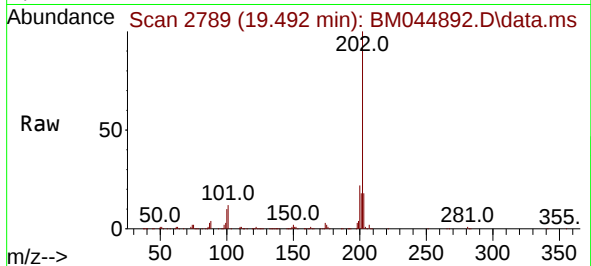




#78
 Pyrene
 Concen: 17.918 ng
 RT: 19.492 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM044892.D
 Acq: 03 Apr 2024 13:02

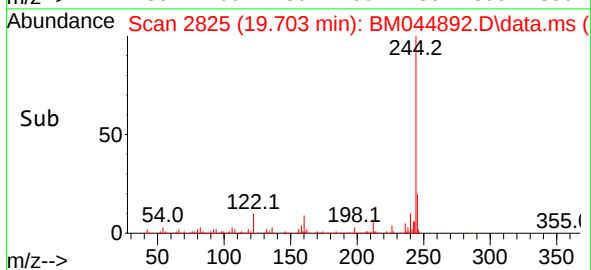
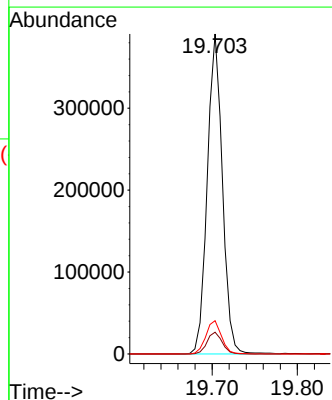
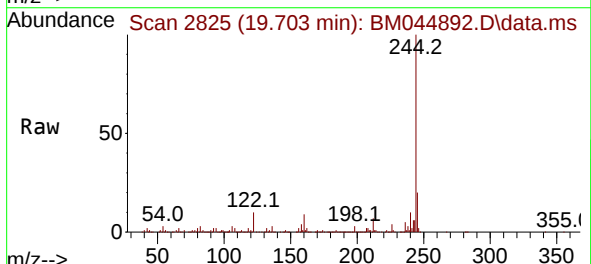
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

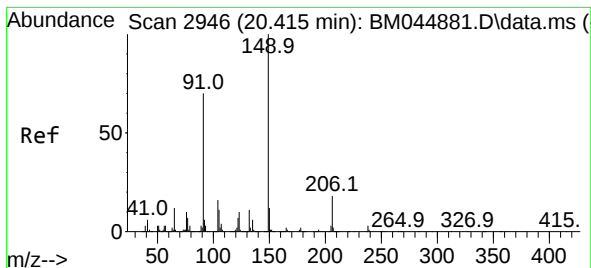
Tgt Ion:202 Resp: 507852
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.4 26.0
 203 17.7 14.2 21.2



#79
 Terphenyl-d14
 Concen: 19.316 ng
 RT: 19.703 min Scan# 2825
 Delta R.T. -0.006 min
 Lab File: BM044892.D
 Acq: 03 Apr 2024 13:02

Tgt Ion:244 Resp: 481180
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.4 7.8 11.8





#80

Butylbenzylphthalate

Concen: 27.067 ng

RT: 20.415 min Scan# 2946

Delta R.T. -0.000 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

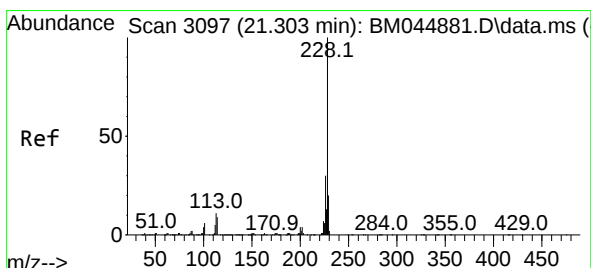
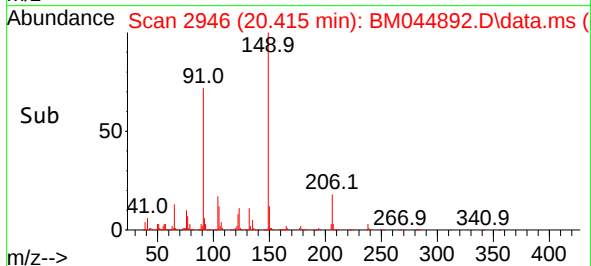
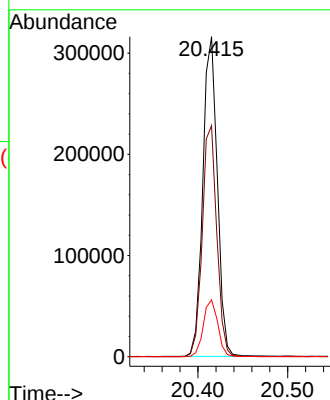
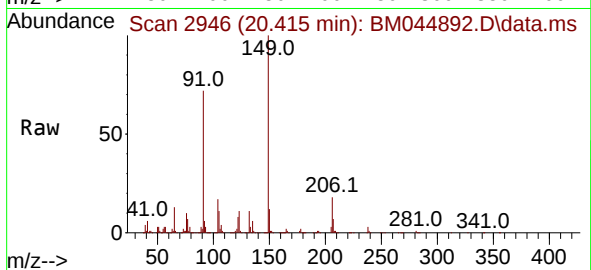
Tgt Ion:149 Resp: 354013

Ion Ratio Lower Upper

149 100

91 72.2 56.2 84.2

206 17.8 14.8 22.2



#83

Chrysene

Concen: 11.474 ng

RT: 21.303 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

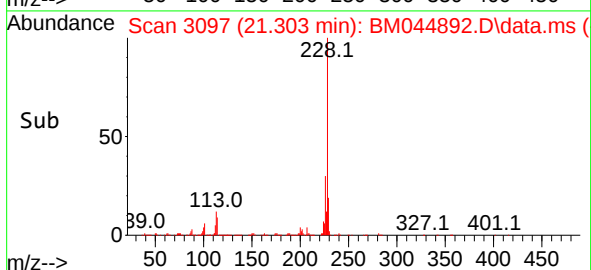
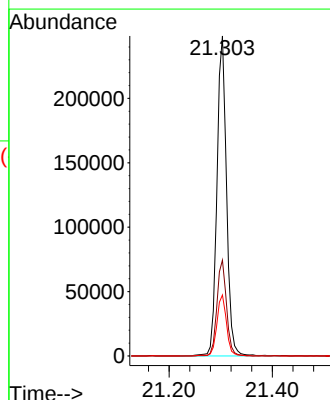
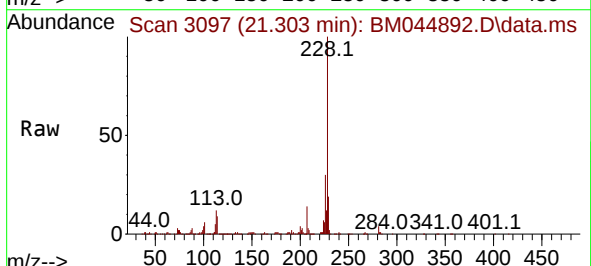
Tgt Ion:228 Resp: 319814

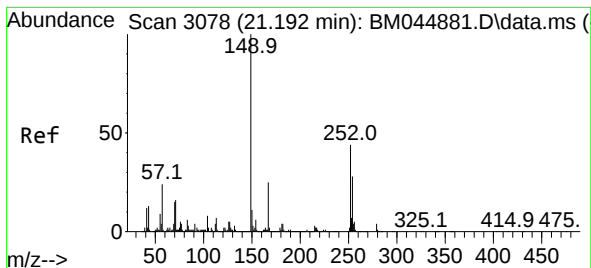
Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.1 15.7 23.5

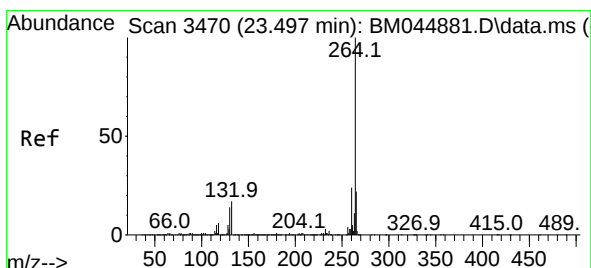
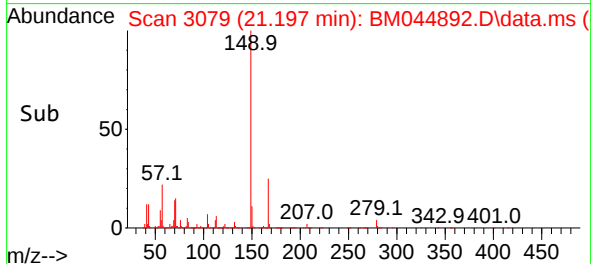
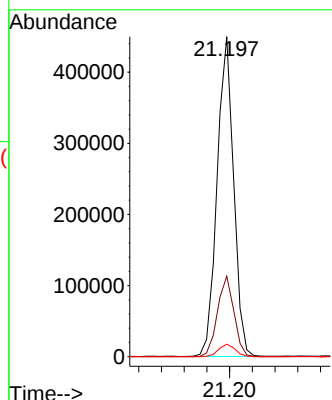
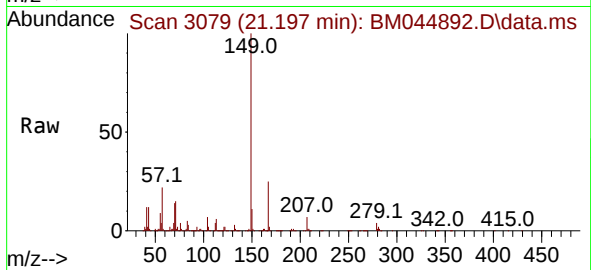




#84
Bis(2-ethylhexyl)phthalate
Concen: 21.818 ng
RT: 21.197 min Scan# 3078
Delta R.T. 0.006 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

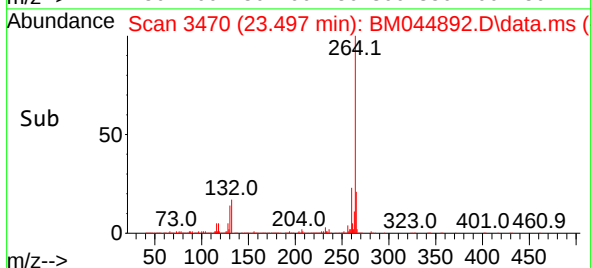
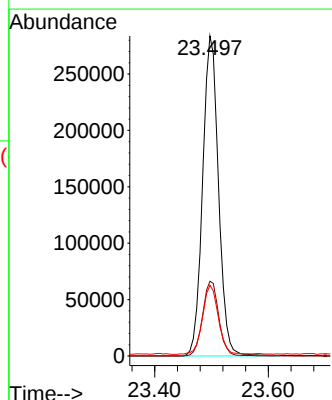
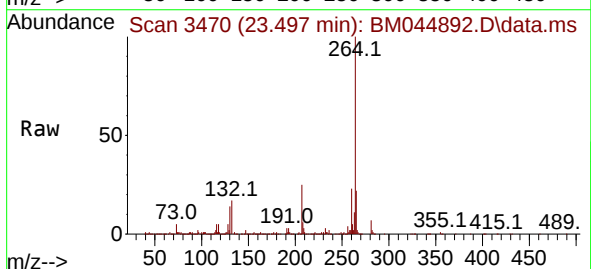
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

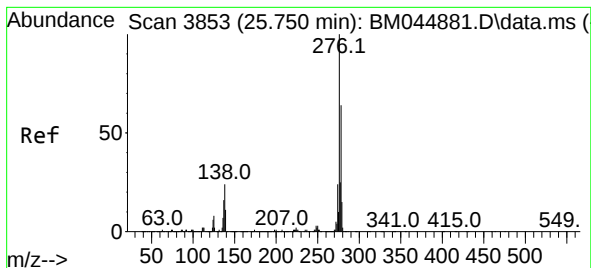
Tgt Ion:149 Resp: 455820
Ion Ratio Lower Upper
149 100
167 25.1 20.3 30.5
279 3.9 2.8 4.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.497 min Scan# 3470
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:264 Resp: 549672
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.043 ng

RT: 25.750 min Scan# 3853

Delta R.T. -0.000 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

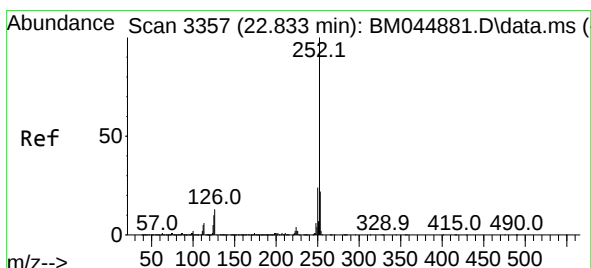
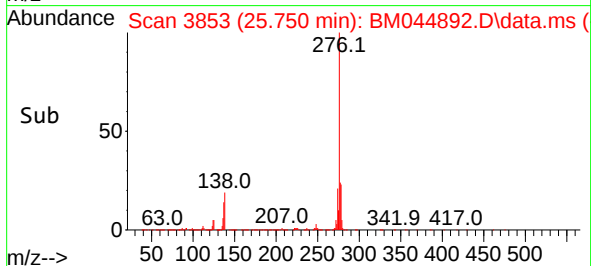
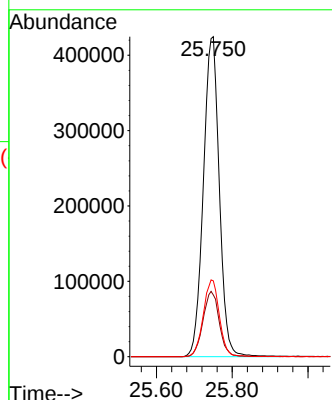
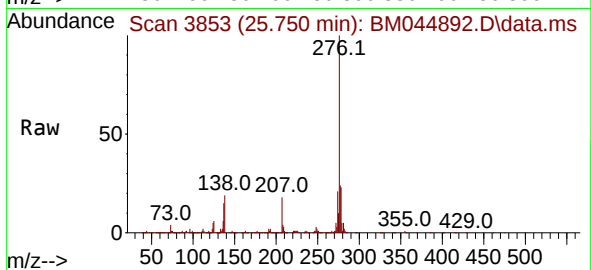
Tgt Ion:276 Resp: 1239073

Ion Ratio Lower Upper

276 100

138 20.9 20.2 30.2

277 24.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 30.566 ng

RT: 22.833 min Scan# 3357

Delta R.T. -0.000 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

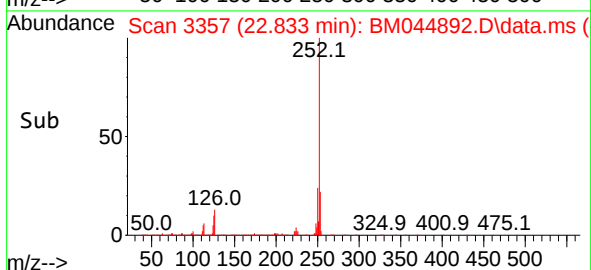
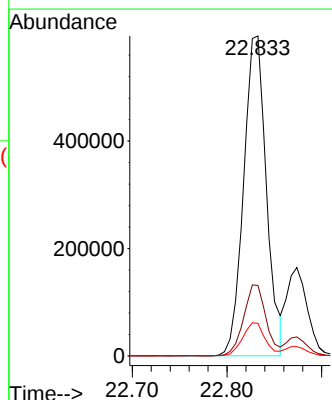
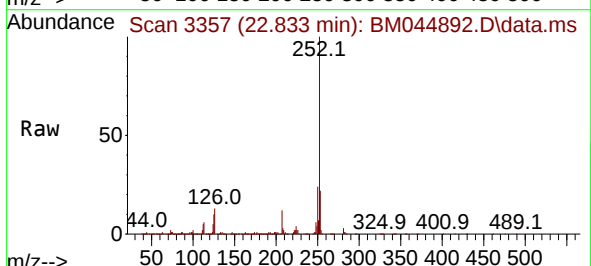
Tgt Ion:252 Resp: 996202

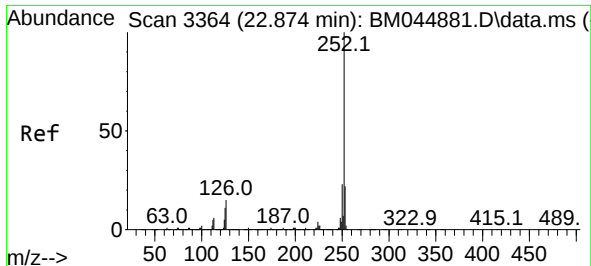
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.2 7.8 11.8

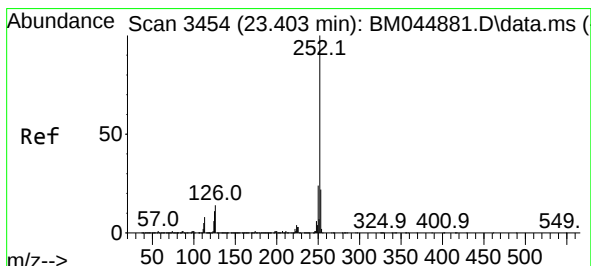
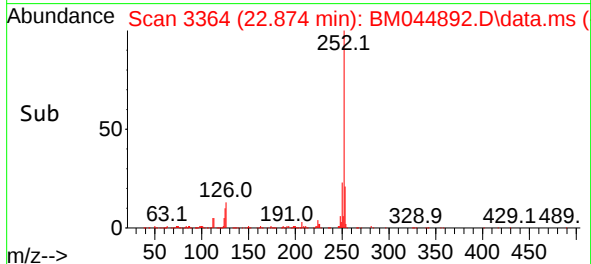
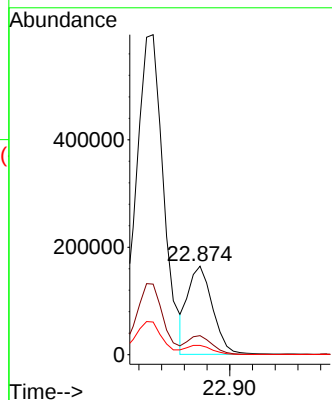
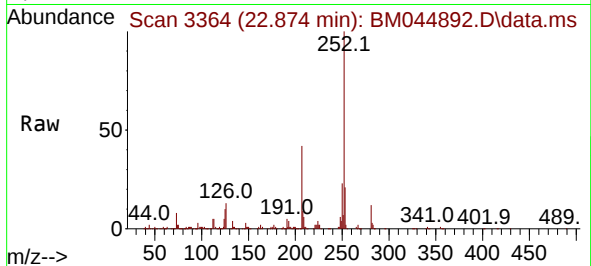




#89
Benzo(k)fluoranthene
Concen: 7.639 ng
RT: 22.874 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

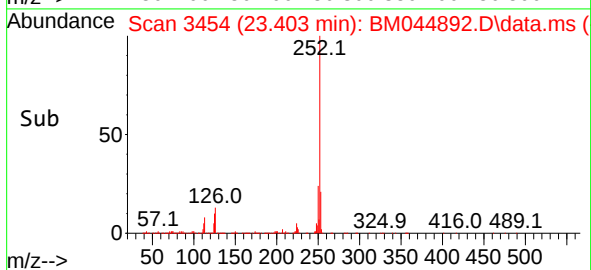
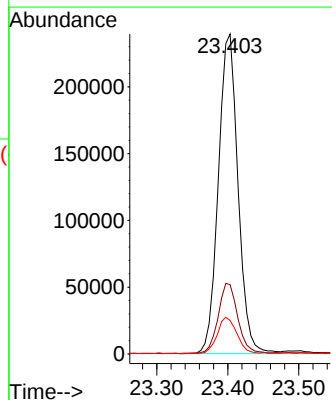
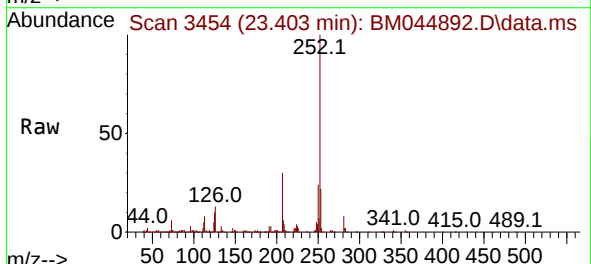
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

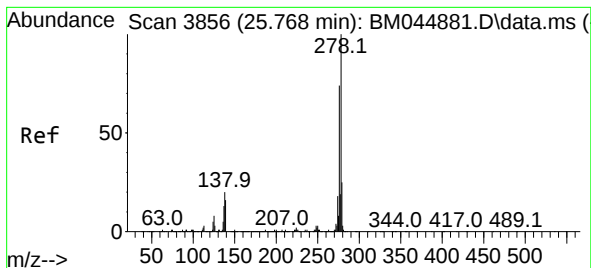
Tgt Ion:252 Resp: 247258
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.4 8.6 12.8



#90
Benzo(a)pyrene
Concen: 14.563 ng
RT: 23.403 min Scan# 3454
Delta R.T. -0.000 min
Lab File: BM044892.D
Acq: 03 Apr 2024 13:02

Tgt Ion:252 Resp: 459727
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.5 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 9.348 ng

RT: 25.762 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

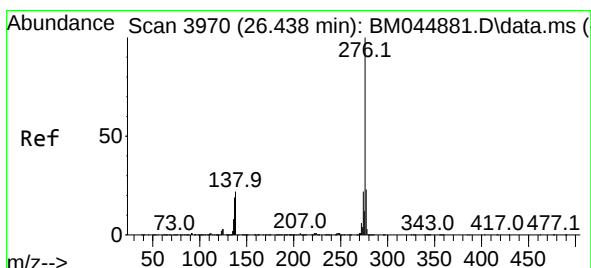
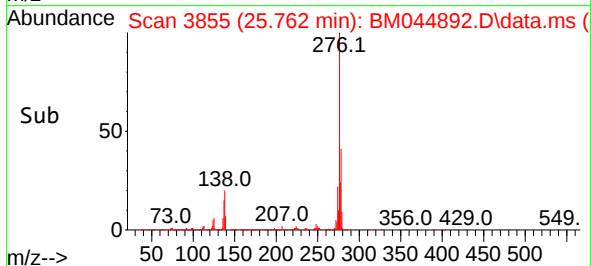
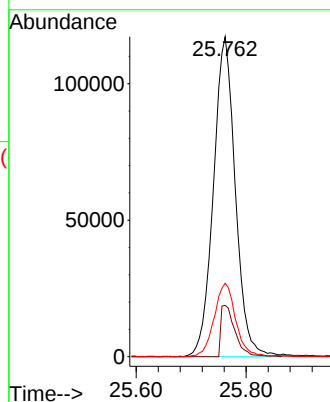
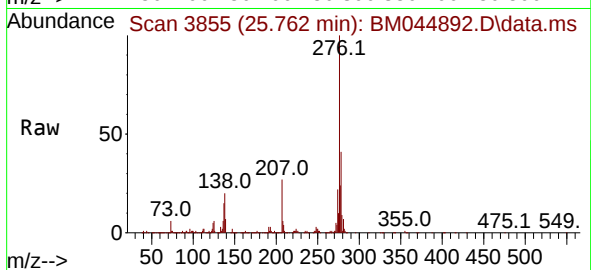
Tgt Ion:278 Resp: 324647

Ion Ratio Lower Upper

278 100

139 16.0 12.7 19.1

279 22.9 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 5.831 ng

RT: 26.426 min Scan# 3968

Delta R.T. -0.012 min

Lab File: BM044892.D

Acq: 03 Apr 2024 13:02

Tgt Ion:276 Resp: 194529

Ion Ratio Lower Upper

276 100

277 24.5 18.6 27.8

138 22.1 17.4 26.2

