

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100422\
 Data File : BM036829.D
 Acq On : 04 Oct 2022 16:25
 Operator : CG/JU
 Sample : N4785-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 22:06:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 03:17:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	387489	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1703150	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	1035133	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1966822	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1595333	20.000	ng	0.00
86) Perylene-d12	23.921	264	1386179	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	589395	26.995	ng	0.00
7) Phenol-d6	7.128	99	791722	25.815	ng	-0.01
23) Nitrobenzene-d5	9.133	82	485347	15.242	ng	-0.01
42) 2,4,6-Tribromophenol	16.080	330	215481	26.542	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	1142614	17.020	ng	0.00
79) Terphenyl-d14	19.950	244	1496399	18.688	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.392	93	735459	18.887	ng	# 56
11) bis(2-Chloroethyl)ether	7.392	93	735459	25.632	ng	97
12) 1,3-Dichlorobenzene	7.857	146	344684	12.076	ng	98
13) 1,4-Dichlorobenzene	8.004	146	788129	26.943	ng	99
18) Hexachloroethane	9.051	117	280291	25.974	ng	99
24) Nitrobenzene	9.175	77	628704	18.670	ng	99
28) bis(2-Chloroethoxy)met...	10.186	93	875260	24.580	ng	99
31) Naphthalene	10.828	128	2330541	25.329	ng	100
33) 4-Chloroaniline	10.828	127	297587	8.046	ng	# 31
37) 2-Methylnaphthalene	12.651	142	210566	3.407	ng	100
38) 1-Methylnaphthalene	12.651	142	211000	3.488	ng	97
41) Hexachlorocyclopentadiene	12.774	237	174653	14.031	ng	97
47) 2-Chloronaphthalene	13.480	162	760936	12.984	ng	99
48) 2-Nitroaniline	13.651	65	413	2.210	ng	# 5
49) Acenaphthylene	14.321	152	1840305	19.391	ng	100
50) Dimethylphthalate	14.057	163	1720785	23.573	ng	100
51) 2,6-Dinitrotoluene	14.174	165	139242	9.547	ng	95
52) Acenaphthene	14.663	154	437924	7.425	ng	99
55) Dibenzofuran	14.992	168	1573411	17.621	ng	99
56) 4-Nitrophenol	14.992	139	619603	44.262	ng	# 6
57) 2,4-Dinitrotoluene	14.963	165	570	2.803	ng	# 61
58) Fluorene	15.639	166	505113	6.905	ng	98
60) Diethylphthalate	15.415	149	573222	7.571	ng	98
61) 4-Chlorophenyl-phenyle...	15.633	204	558482	17.469	ng	96
62) 4-Nitroaniline	15.662	138	268089	15.050	ng	97
66) n-Nitrosodiphenylamine	15.851	169	308412	5.075	ng	98
67) 4-Bromophenyl-phenylether	16.527	248	202372	11.158	ng	95
68) Hexachlorobenzene	16.639	284	195898	9.754	ng	94
71) Phenanthrene	17.380	178	1191853	10.824	ng	99
72) Anthracene	17.468	178	2853679	27.178	ng	99
73) Carbazole	17.739	167	1482358	15.126	ng	100
75) Fluoranthene	19.386	202	810148	7.151	ng	98
80) Butylbenzylphthalate	20.639	149	571	3.316	ng	# 62
81) Benzo(a)anthracene	21.492	228	1727368	16.670	ng	99
83) Chrysene	21.550	228	2557022	25.620	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	1492115	19.861	ng	99

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Response via : Initial Calibration

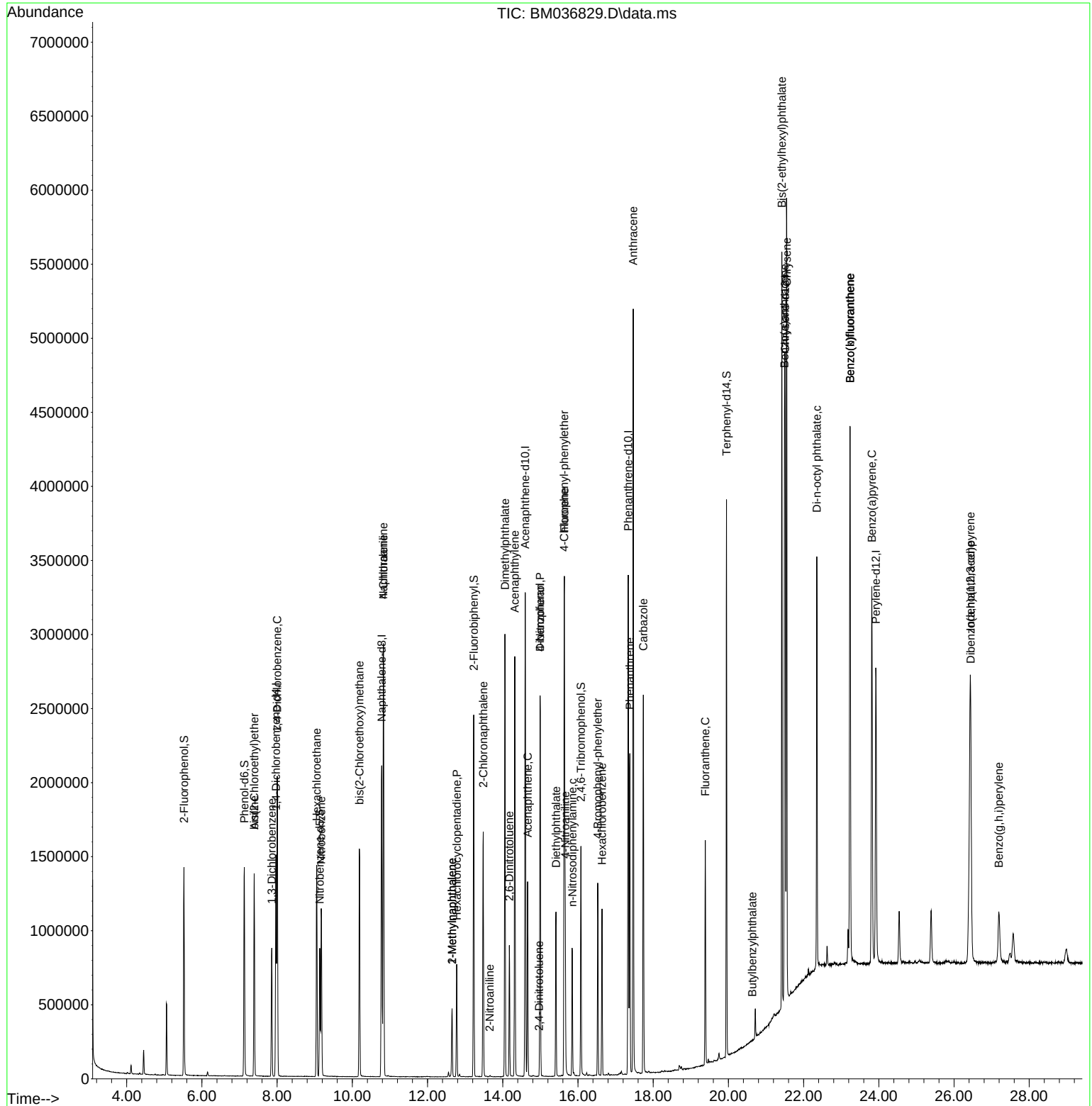
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.350	149	1720072	16.483	ng	99
87) Indeno(1,2,3-cd)pyrene	26.432	276	1915893	20.929	ng	93
88) Benzo(b)fluoranthene	23.238	252	2515726	28.639	ng	100
89) Benzo(k)fluoranthene	23.238	252	2515726	27.835	ng	99
90) Benzo(a)pyrene	23.815	252	1554052	21.998	ng	99
91) Dibenzo(a,h)anthracene	26.444	278	604420	7.926	ng	99
92) Benzo(g,h,i)perylene	27.191	276	413615	5.586	ng	98

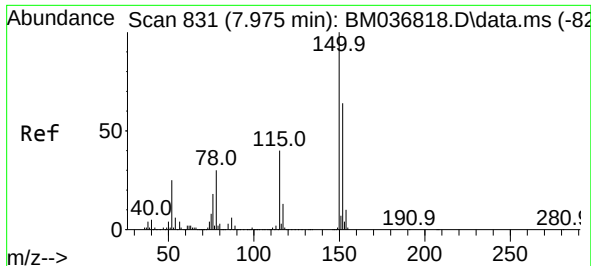
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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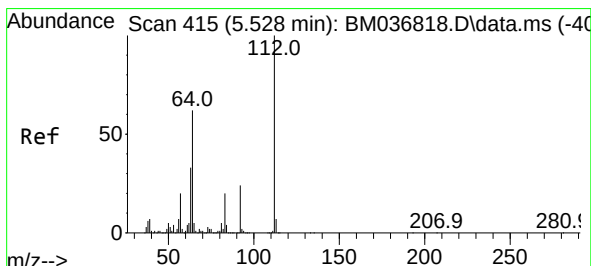
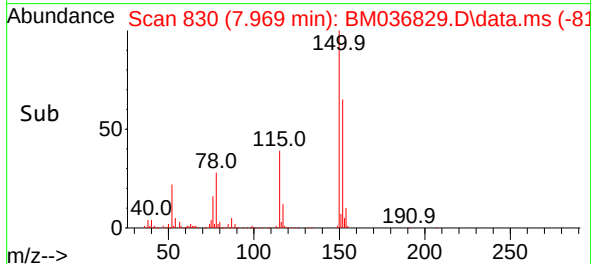
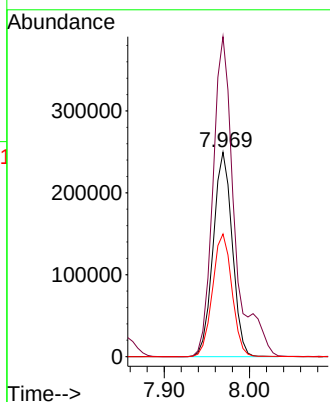
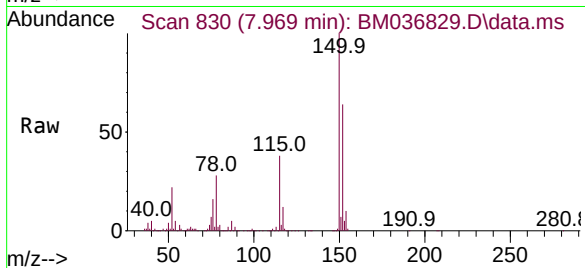




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 831
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

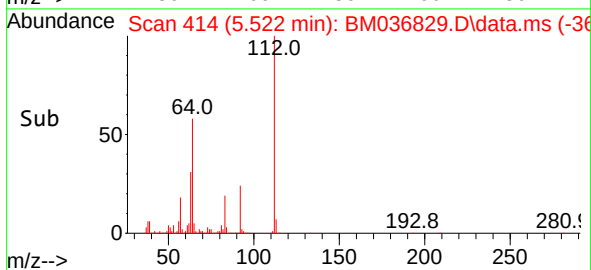
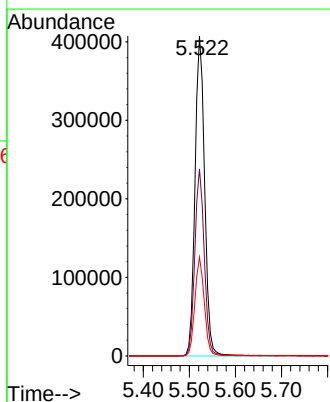
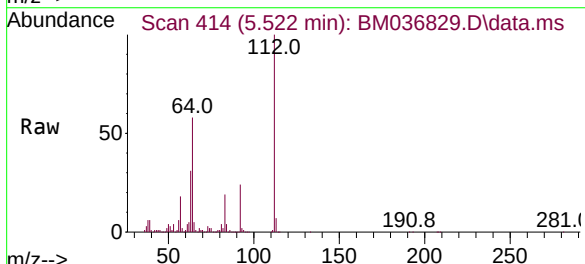
Instrument :
BNA_M
ClientSampleId :

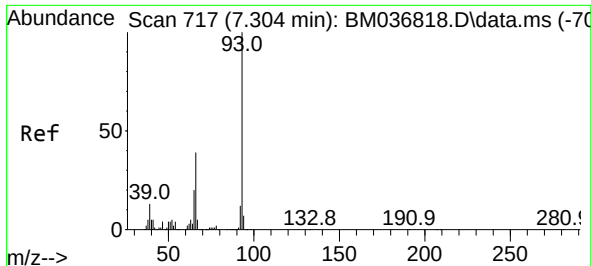
Tgt Ion:152 Resp: 387489
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 60.1 50.1 75.1



#5
2-Fluorophenol
Concen: 26.995 ng
RT: 5.522 min Scan# 414
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion:112 Resp: 589395
Ion Ratio Lower Upper
112 100
64 58.4 49.6 74.4
63 30.9 26.2 39.4

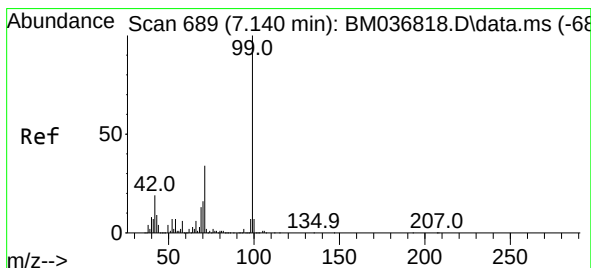
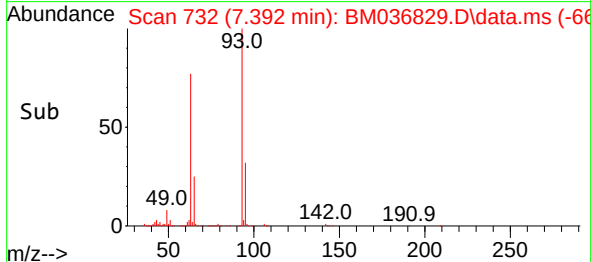
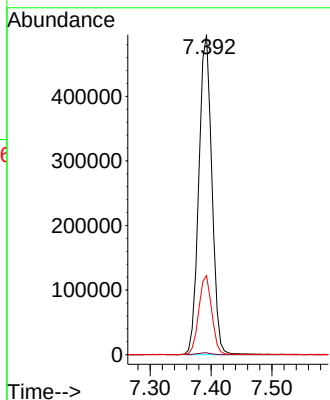
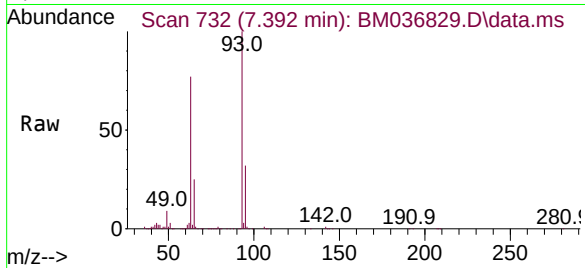




#6
Aniline
Concen: 18.887 ng
RT: 7.392 min Scan# 731
Delta R.T. 0.088 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

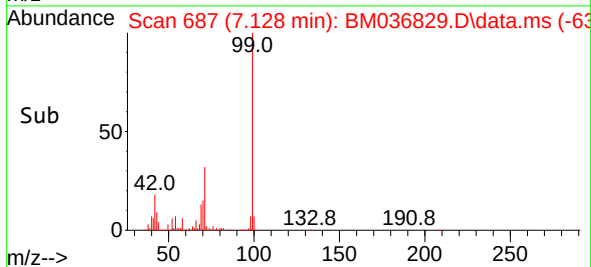
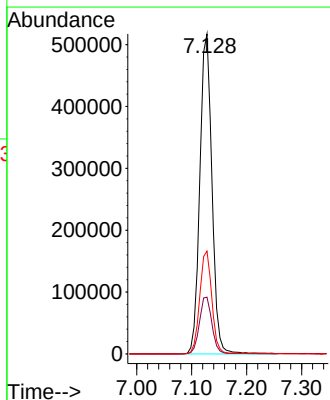
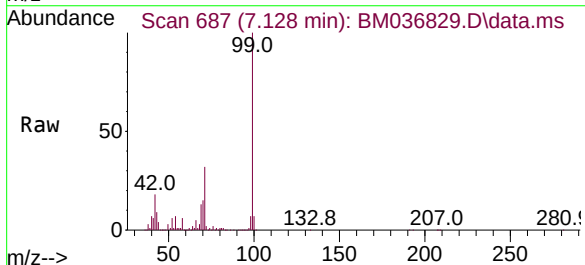
Instrument :
BNA_M
ClientSampleId :

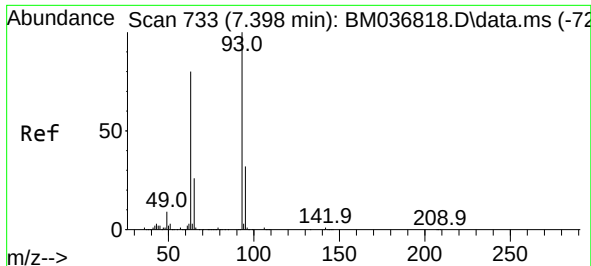
Tgt Ion: 93 Resp: 735459
Ion Ratio Lower Upper
93 100
66 0.6 31.0 46.4#
65 24.7 16.3 24.5#



#7
Phenol-d6
Concen: 25.815 ng
RT: 7.128 min Scan# 687
Delta R.T. -0.012 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion: 99 Resp: 791722
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 32.1 26.9 40.3

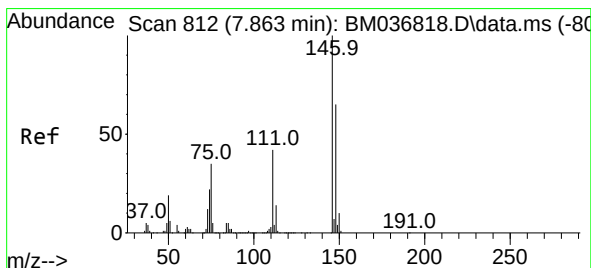
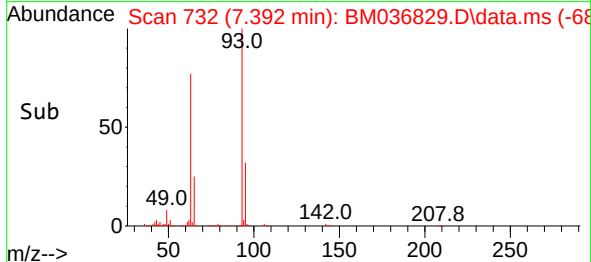
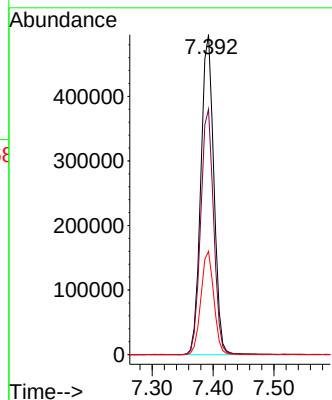
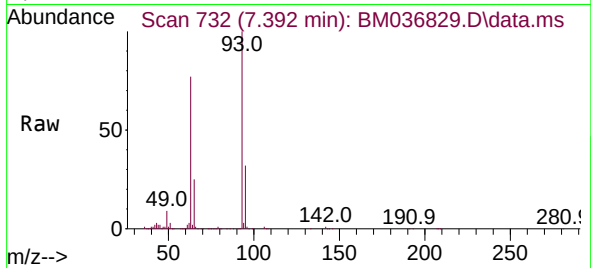




#11
bis(2-Chloroethyl)ether
Concen: 25.632 ng
RT: 7.392 min Scan# 731
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

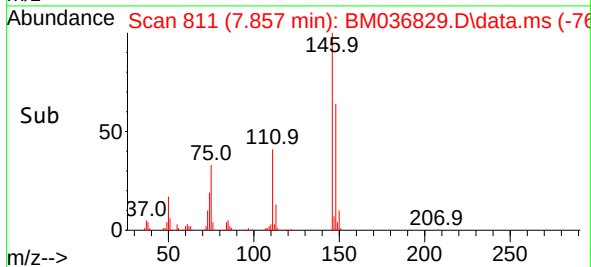
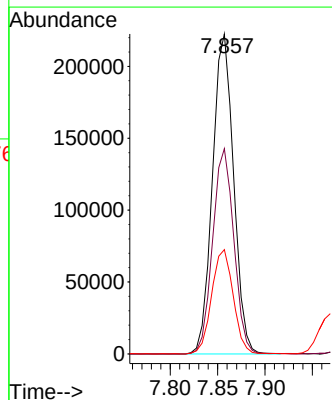
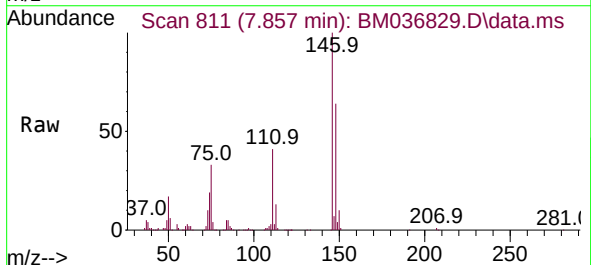
Instrument :
BNA_M
ClientSampleId :

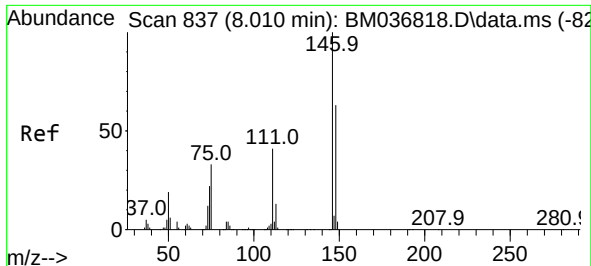
Tgt Ion: 93 Resp: 735459
Ion Ratio Lower Upper
93 100
63 76.7 60.1 100.1
95 32.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 12.076 ng
RT: 7.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

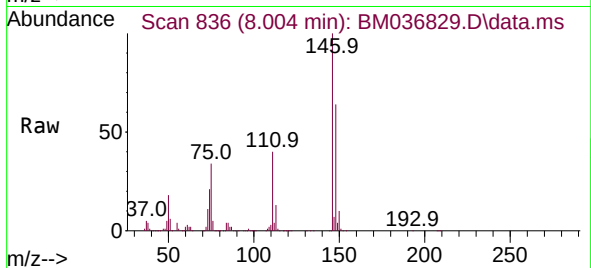
Tgt Ion: 146 Resp: 344684
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
75 32.6 28.2 42.2



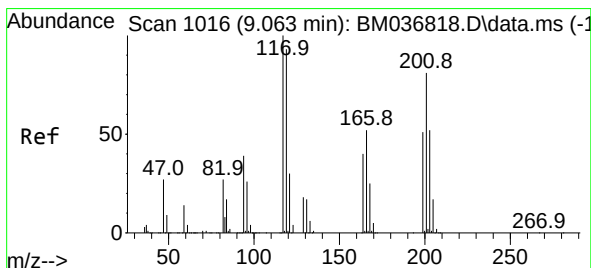
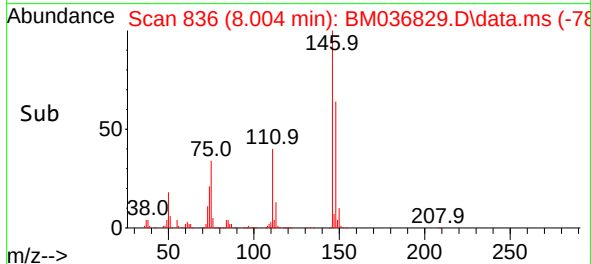
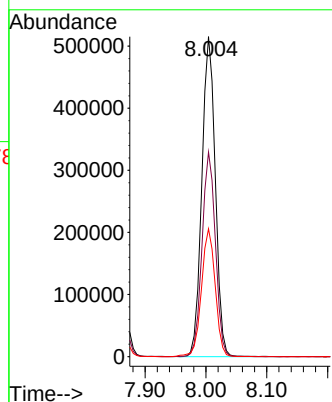


#13
1,4-Dichlorobenzene
Concen: 26.943 ng
RT: 8.004 min Scan# 837
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Instrument :
BNA_M
ClientSampleId :

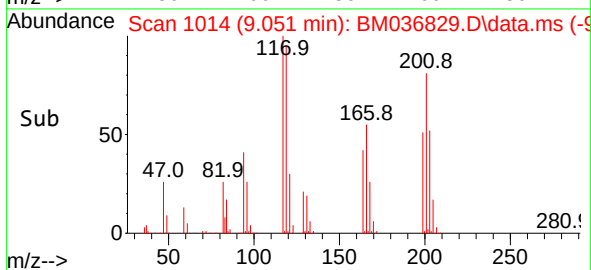
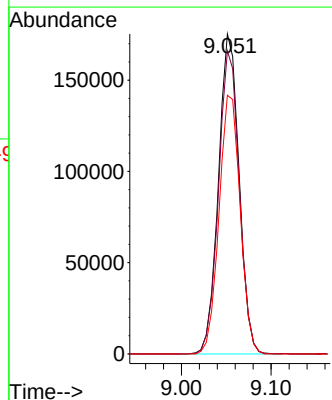
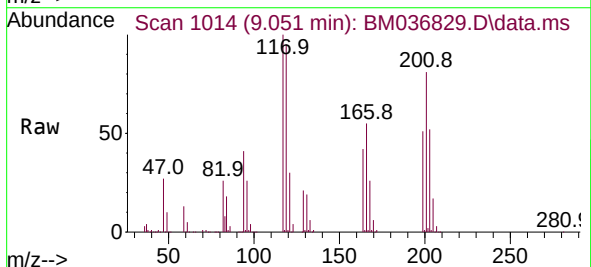


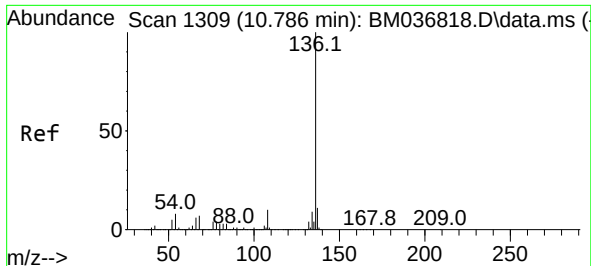
Tgt Ion:146 Resp: 788129
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
111 39.9 32.8 49.2



#18
Hexachloroethane
Concen: 25.974 ng
RT: 9.051 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion:117 Resp: 280291
Ion Ratio Lower Upper
117 100
119 94.7 74.4 111.6
201 80.8 65.0 97.4

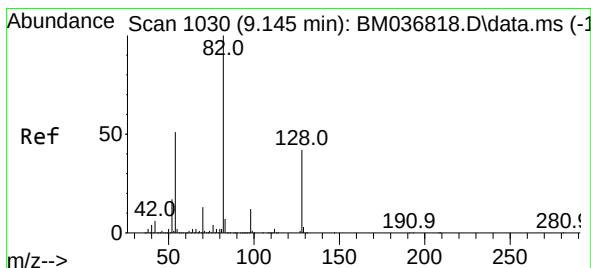
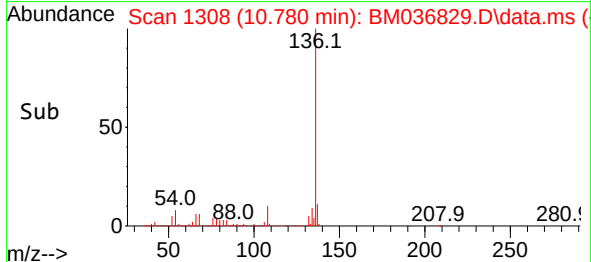
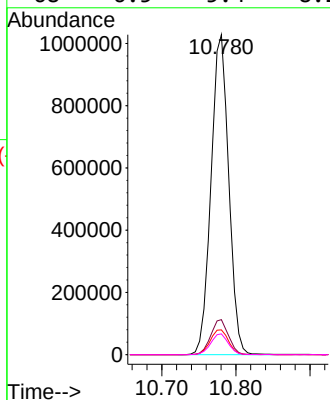
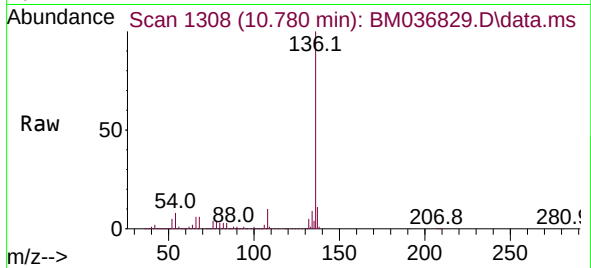




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

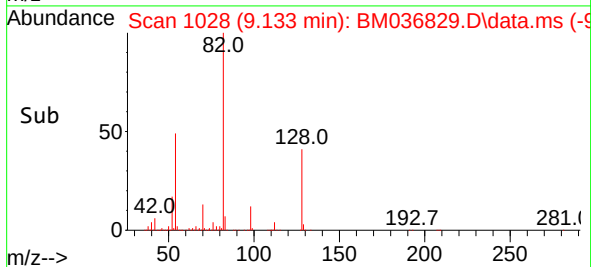
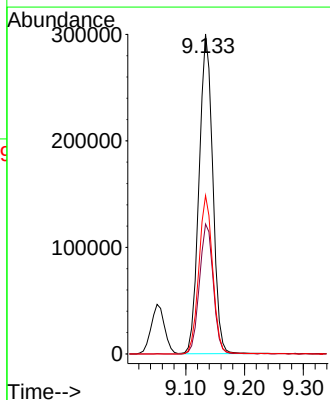
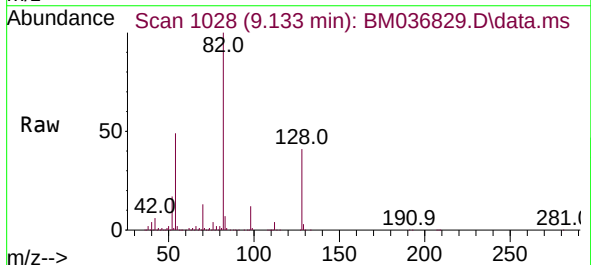
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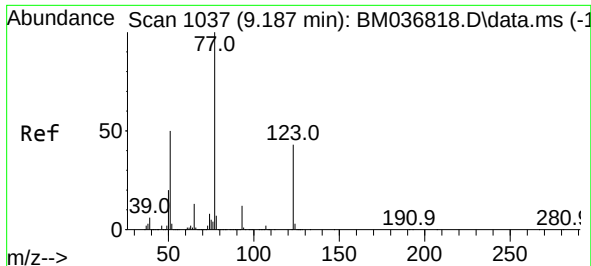
Tgt Ion:136 Resp: 1703150
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.7 10.1
68 6.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 15.242 ng
RT: 9.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

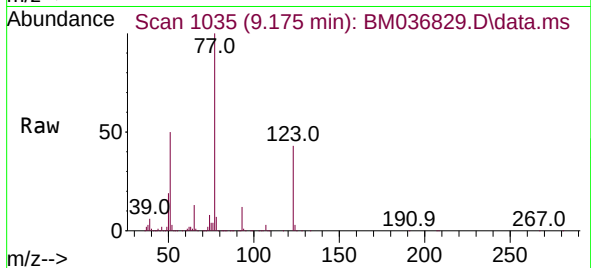
Tgt Ion: 82 Resp: 485347
Ion Ratio Lower Upper
82 100
128 40.6 33.2 49.8
54 49.5 40.6 60.8



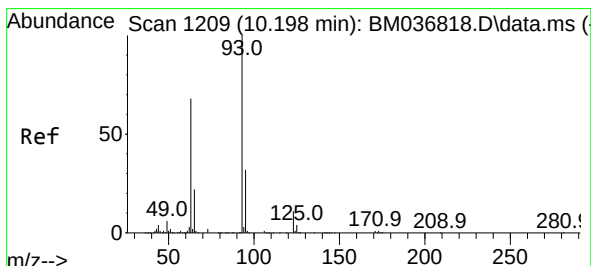
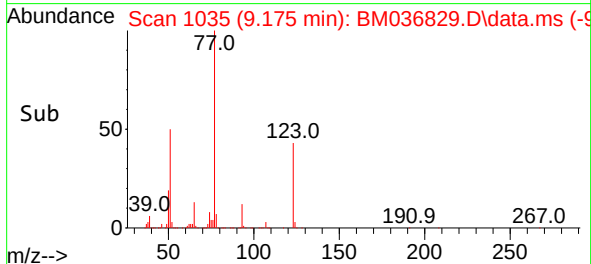
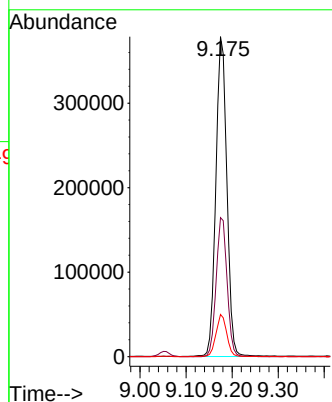


#24
Nitrobenzene
Concen: 18.670 ng
RT: 9.175 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Instrument :
BNA_M
ClientSampleId :

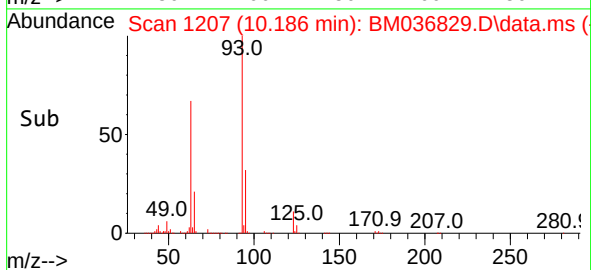
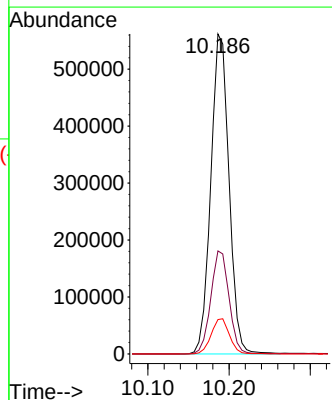
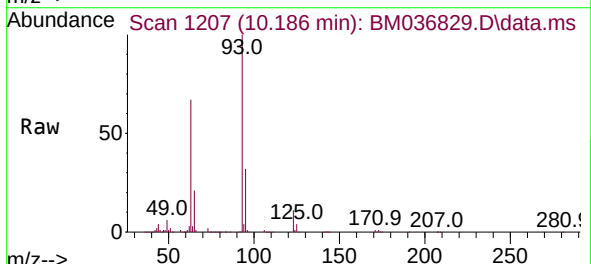


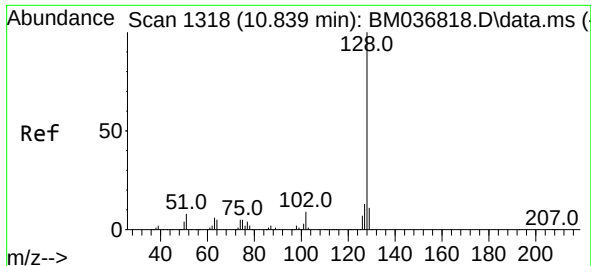
Tgt Ion: 77 Resp: 628704
Ion Ratio Lower Upper
77 100
123 43.4 34.2 51.2
65 13.2 10.7 16.1



#28
bis(2-Chloroethoxy)methane
Concen: 24.580 ng
RT: 10.186 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion: 93 Resp: 875260
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 10.7 9.0 13.4

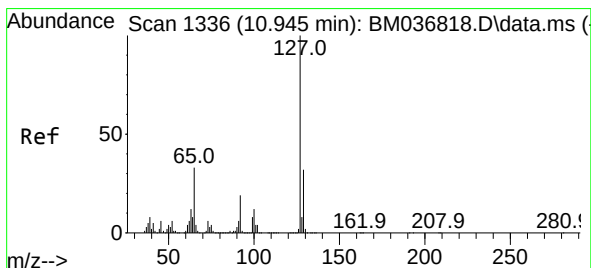
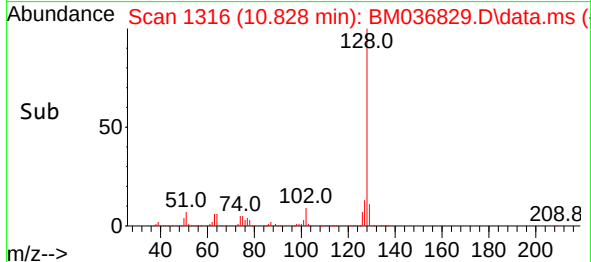
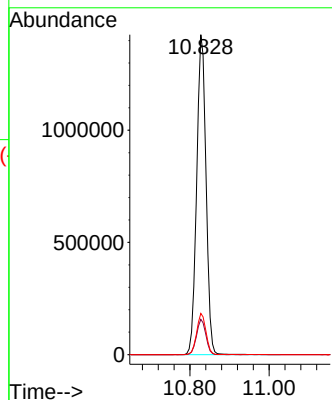
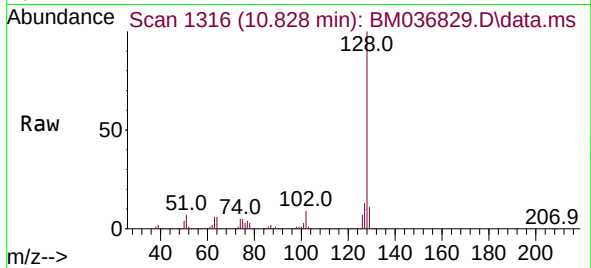




#31
Naphthalene
Concen: 25.329 ng
RT: 10.828 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

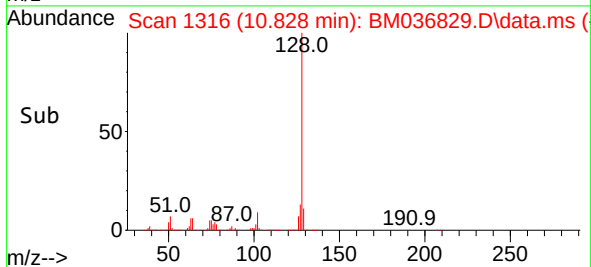
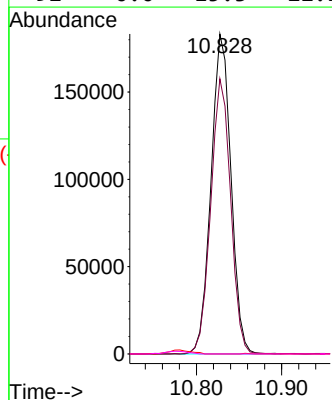
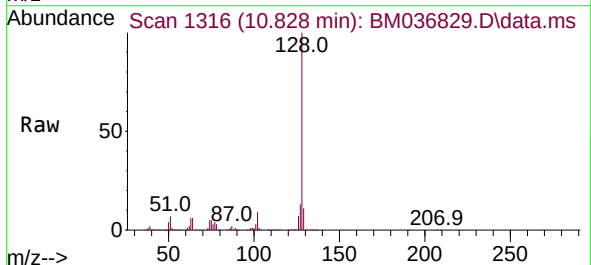
Instrument :
BNA_M
ClientSampleId :

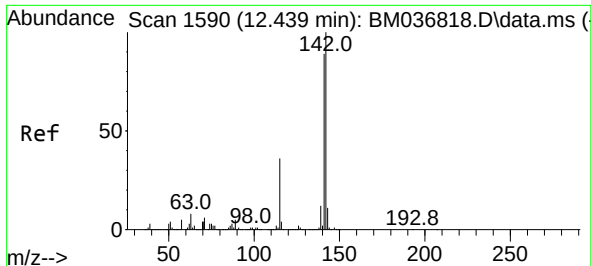
Tgt Ion:128 Resp: 2330541
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.3 15.5



#33
4-Chloroaniline
Concen: 8.046 ng
RT: 10.828 min Scan# 1316
Delta R.T. -0.118 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion:127 Resp: 297587
Ion Ratio Lower Upper
127 100
129 86.0 25.8 38.8#
65 0.0 26.4 39.6#
92 0.0 15.3 22.9#

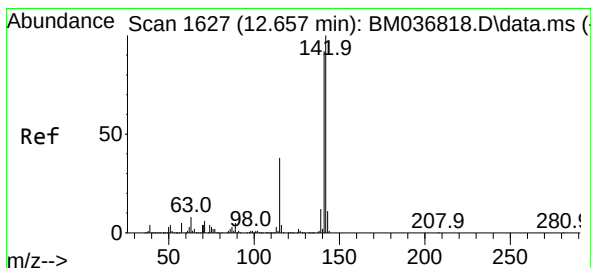
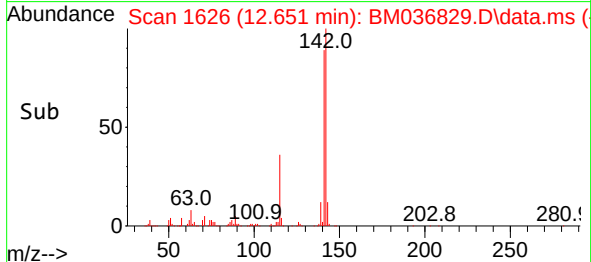
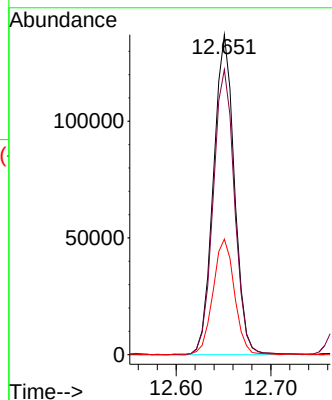
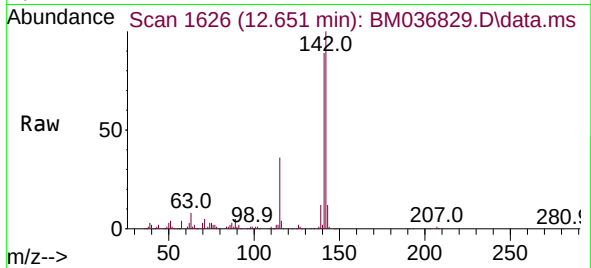




#37
2-Methylnaphthalene
Concen: 3.407 ng
RT: 12.651 min Scan# 1626
Delta R.T. 0.212 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

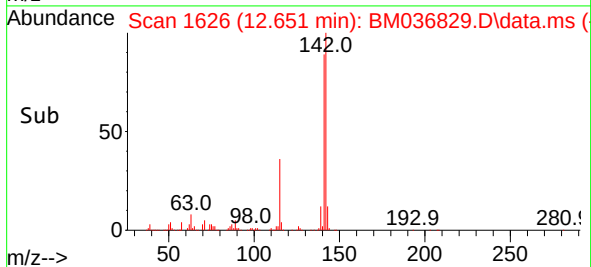
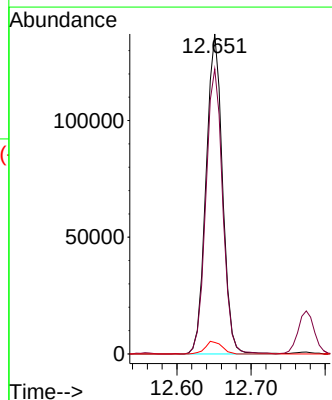
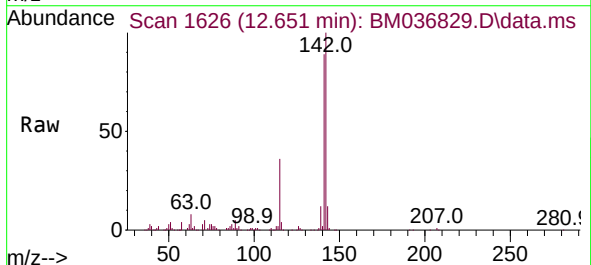
Instrument :
BNA_M
ClientSampleId :

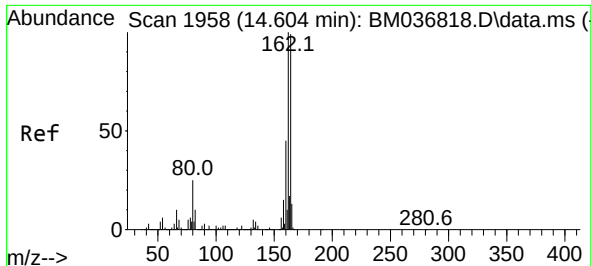
Tgt Ion:142 Resp: 210566
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4
115 36.1 29.0 43.6



#38
1-Methylnaphthalene
Concen: 3.488 ng
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion:142 Resp: 211000
Ion Ratio Lower Upper
142 100
141 89.1 73.6 110.4
116 3.6 3.3 4.9

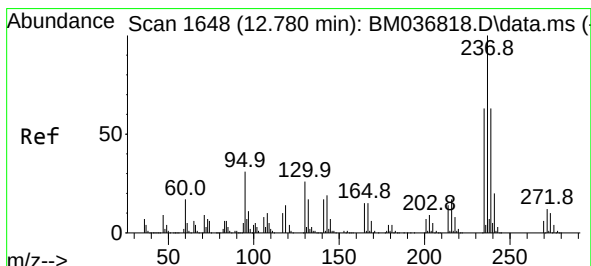
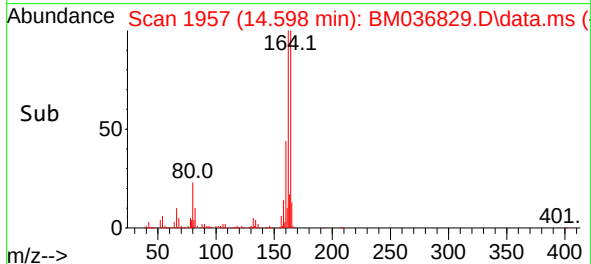
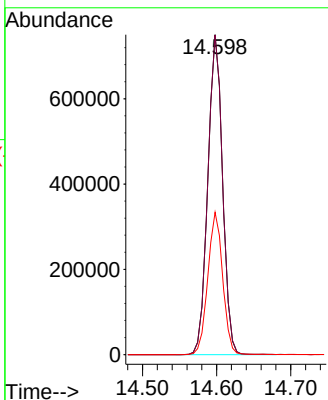
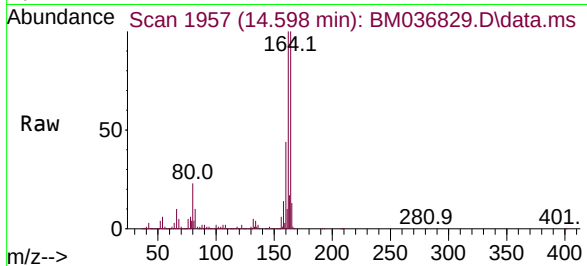




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

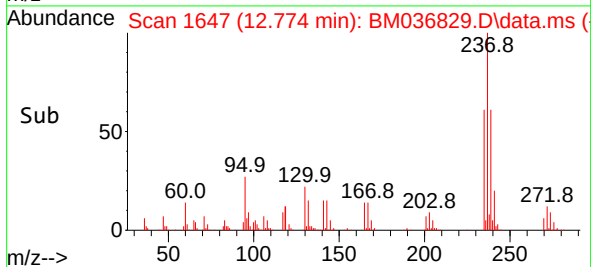
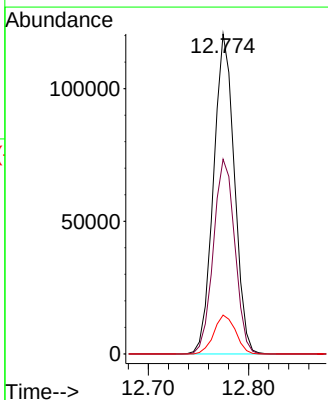
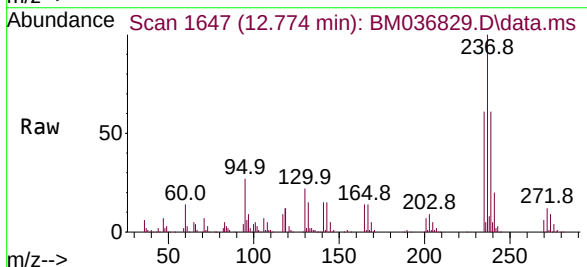
Instrument :
BNA_M
ClientSampleId :

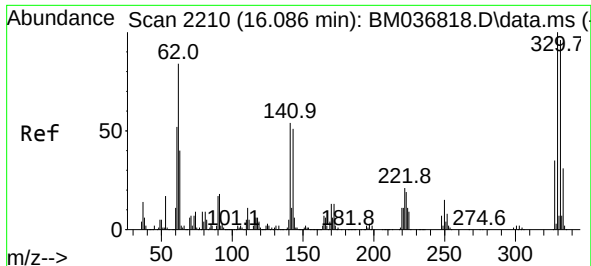
Tgt Ion:164 Resp: 1035133
Ion Ratio Lower Upper
164 100
162 99.9 80.5 120.7
160 44.5 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 14.031 ng
RT: 12.774 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion:237 Resp: 174653
Ion Ratio Lower Upper
237 100
235 60.8 43.2 83.2
272 12.1 0.0 32.1

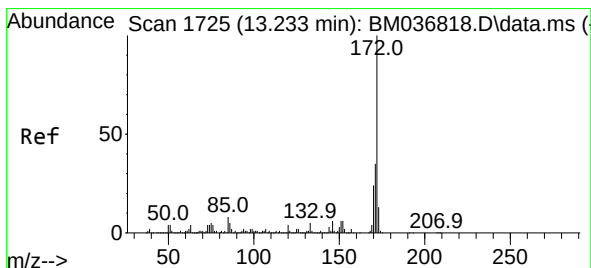
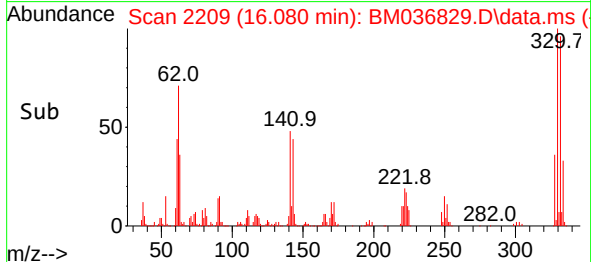
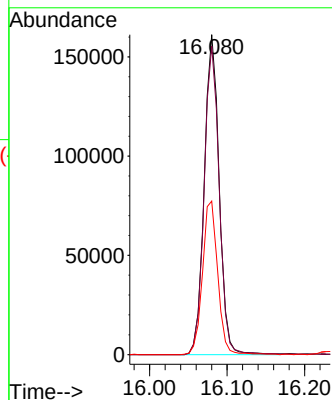
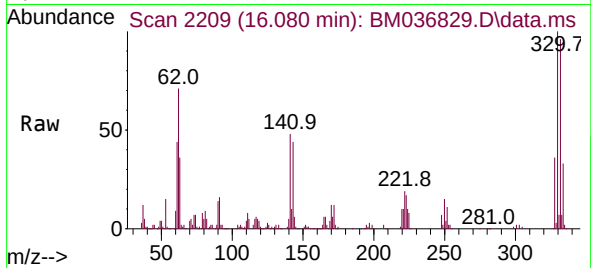




#42
 2,4,6-Tribromophenol
 Concen: 26.542 ng
 RT: 16.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036829.D
 Acq: 04 Oct 2022 16:25

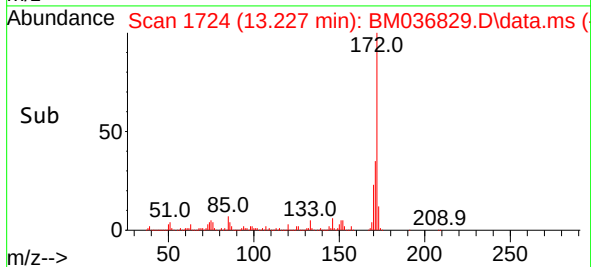
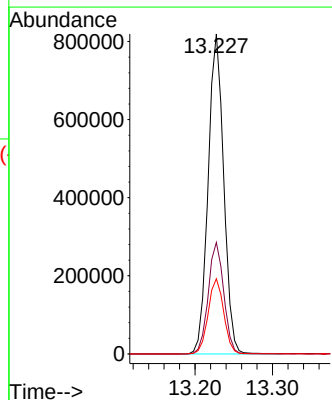
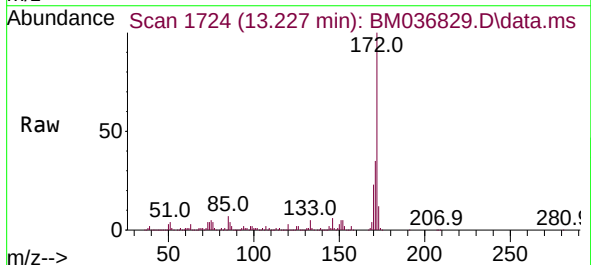
Instrument :
 BNA_M
 ClientSampleId :

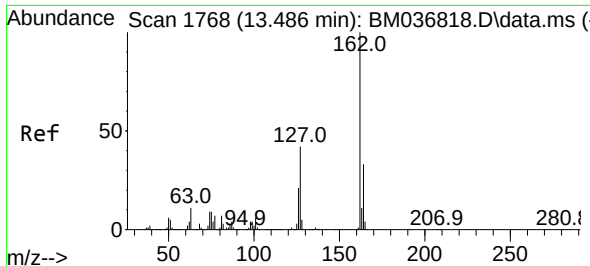
Tgt Ion:330 Resp: 215481
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 49.0 41.5 62.3



#45
 2-Fluorobiphenyl
 Concen: 17.020 ng
 RT: 13.227 min Scan# 1724
 Delta R.T. -0.006 min
 Lab File: BM036829.D
 Acq: 04 Oct 2022 16:25

Tgt Ion:172 Resp: 1142614
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.4 42.6
 170 23.5 19.0 28.6

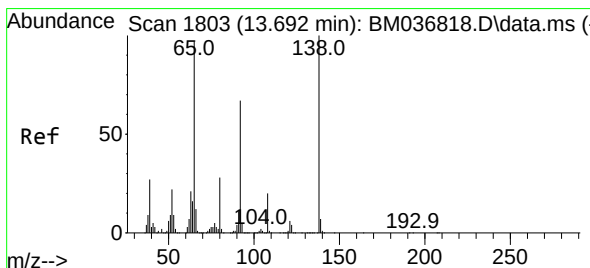
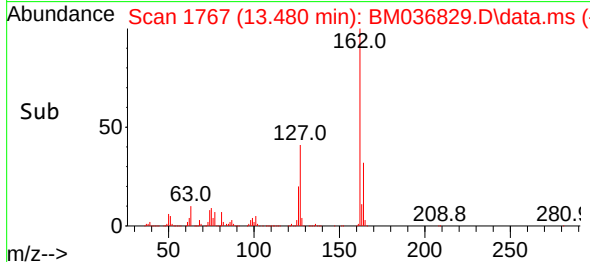
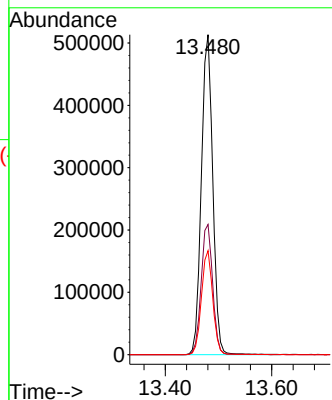
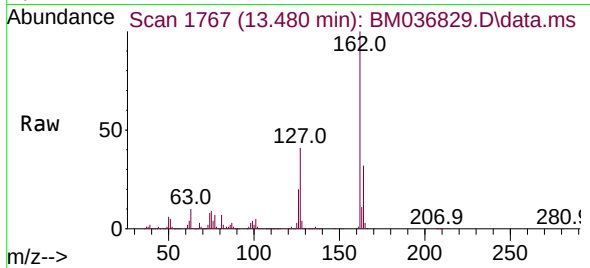




#47
2-Chloronaphthalene
Concen: 12.984 ng
RT: 13.480 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

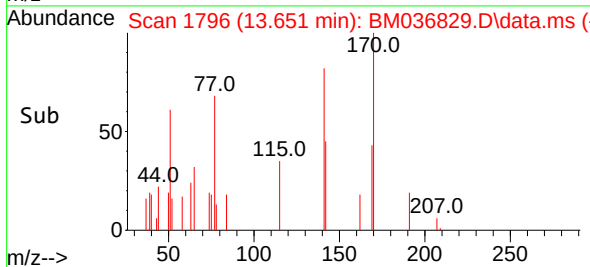
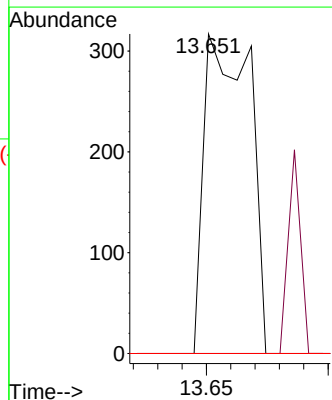
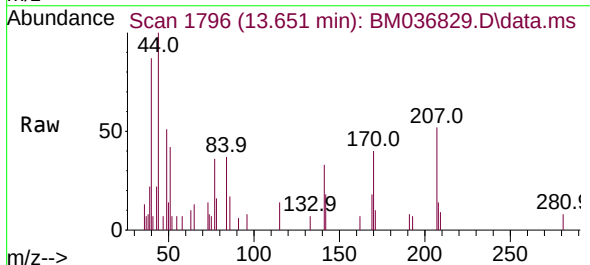
Instrument :
BNA_M
ClientSampleId :

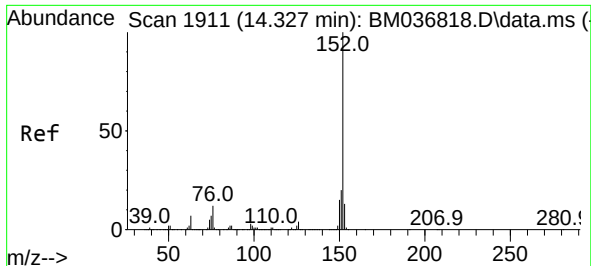
Tgt Ion:162 Resp: 760936
Ion Ratio Lower Upper
162 100
127 40.7 33.4 50.2
164 32.5 26.2 39.2



#48
2-Nitroaniline
Concen: 2.210 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.041 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion: 65 Resp: 413
Ion Ratio Lower Upper
65 100
92 0.0 55.0 82.4#
138 0.0 82.5 123.7#

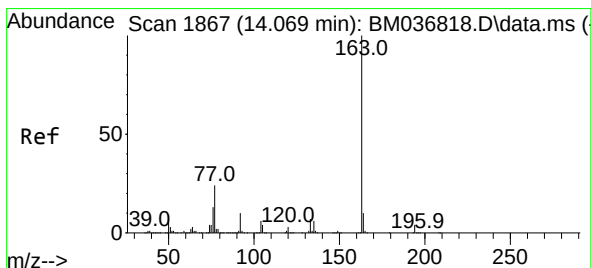
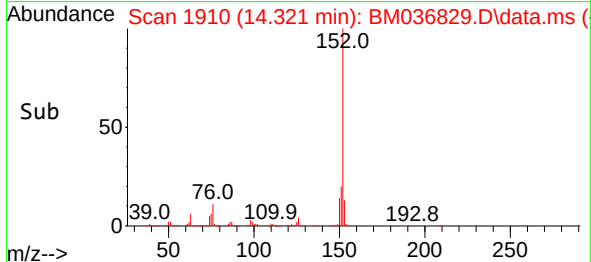
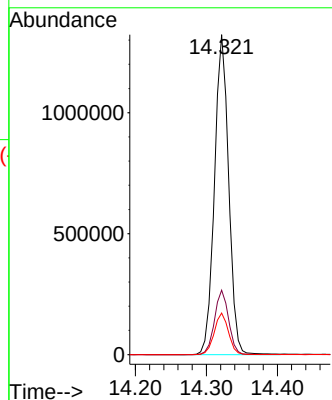
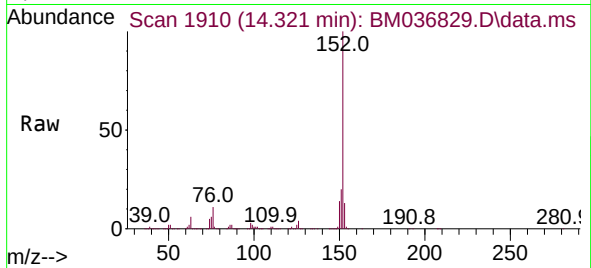




#49
Acenaphthylene
Concen: 19.391 ng
RT: 14.321 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

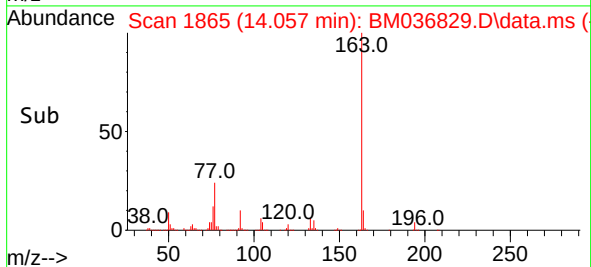
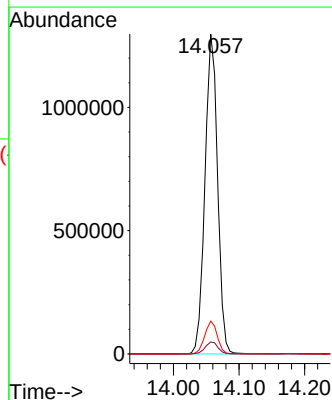
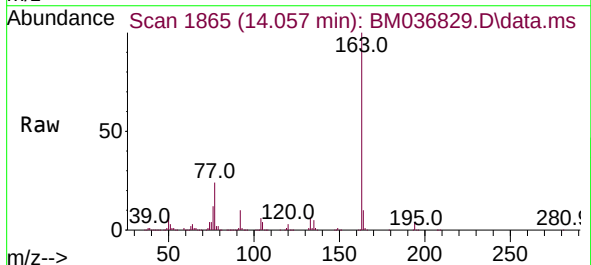
Instrument :
BNA_M
ClientSampleId :

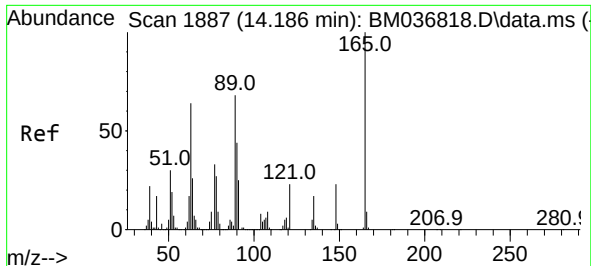
Tgt Ion:152 Resp: 1840305
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 23.573 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

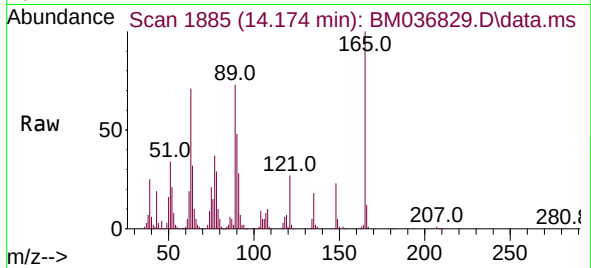
Tgt Ion:163 Resp: 1720785
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.3 8.1 12.1



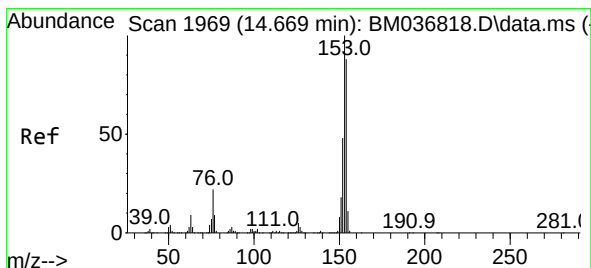
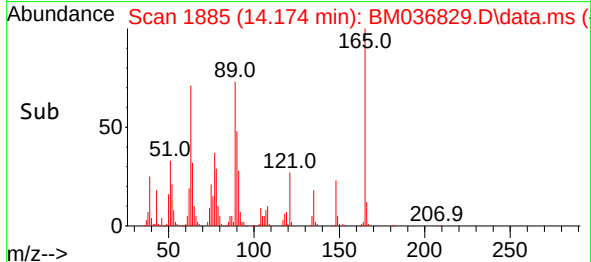
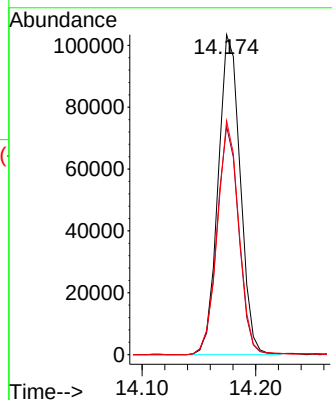


#51
2,6-Dinitrotoluene
Concen: 9.547 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Instrument :
BNA_M
ClientSampleId :

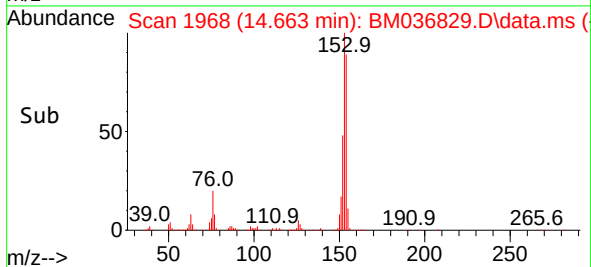
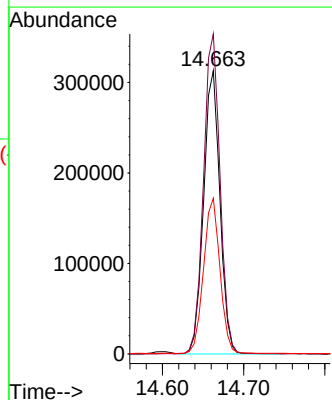
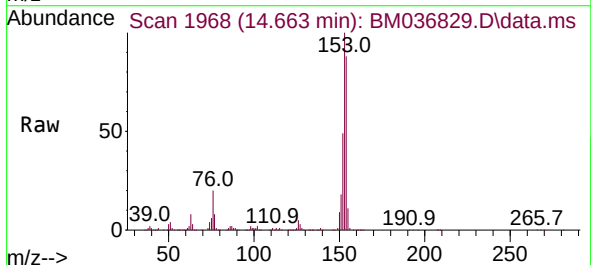


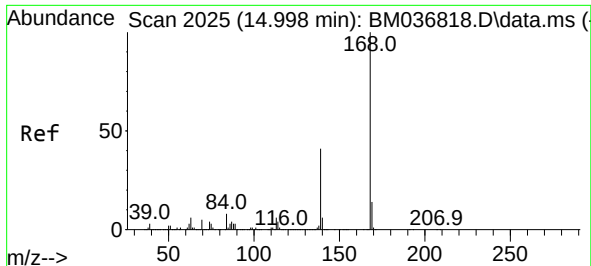
Tgt Ion:165 Resp: 139242
Ion Ratio Lower Upper
165 100
63 71.3 54.4 81.6
89 73.1 54.7 82.1



#52
Acenaphthene
Concen: 7.425 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion:154 Resp: 437924
Ion Ratio Lower Upper
154 100
153 113.0 91.4 137.0
152 54.9 44.0 66.0

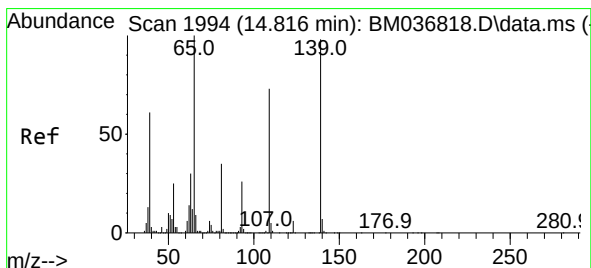
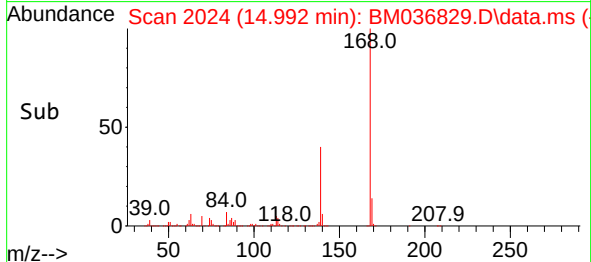
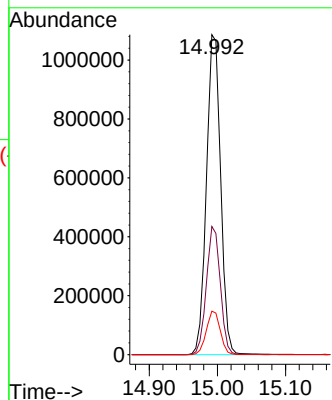
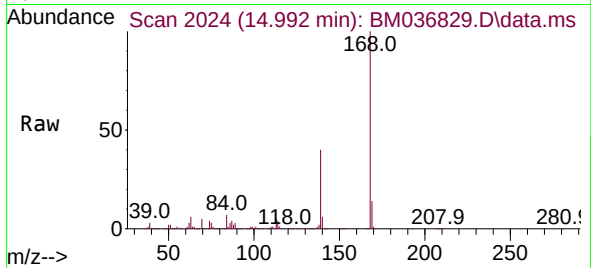




#55
Dibenzenofuran
Concen: 17.621 ng
RT: 14.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

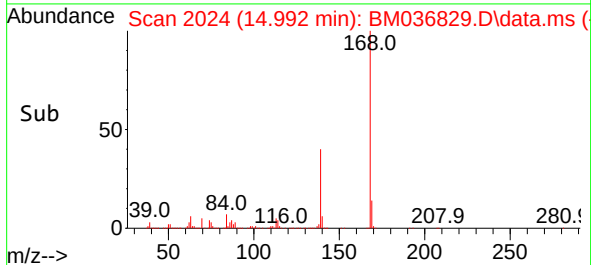
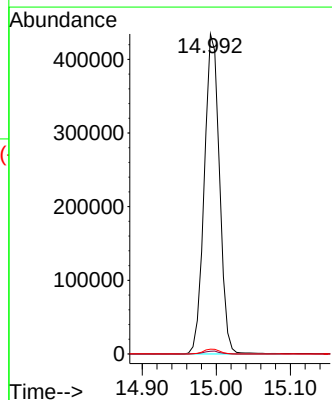
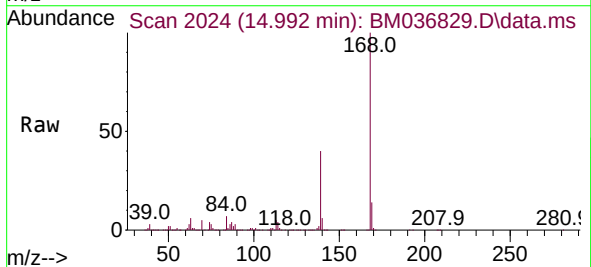
Instrument :
BNA_M
ClientSampleId :

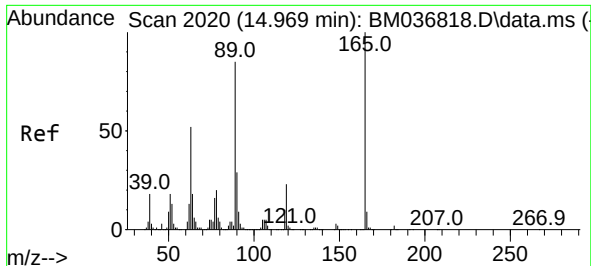
Tgt Ion:168 Resp: 1573411
Ion Ratio Lower Upper
168 100
139 40.0 32.7 49.1
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 44.262 ng
RT: 14.992 min Scan# 2024
Delta R.T. 0.176 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

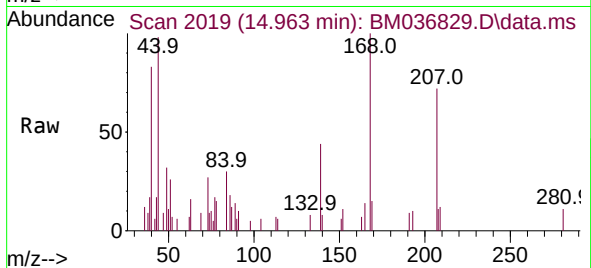
Tgt Ion:139 Resp: 619603
Ion Ratio Lower Upper
139 100
109 0.8 54.9 94.9#
65 1.5 82.6 122.6#



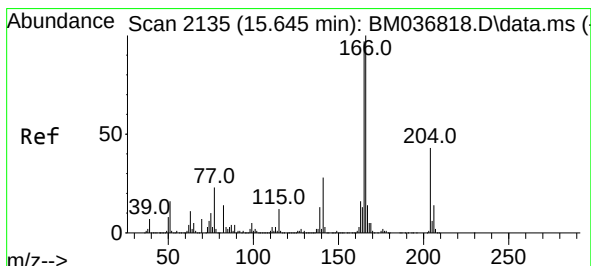
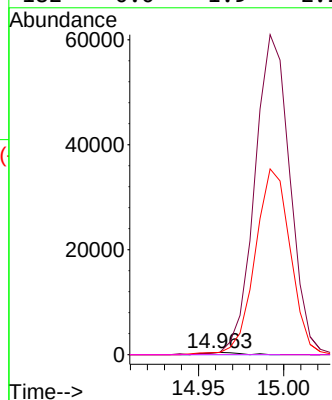
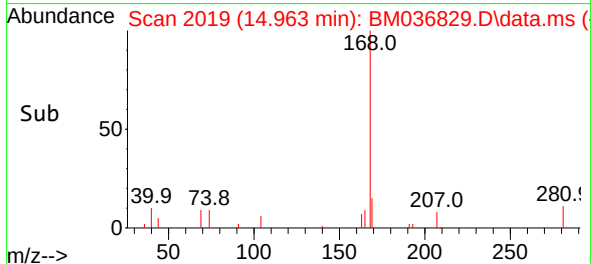


#57
2,4-Dinitrotoluene
Concen: 2.803 ng
RT: 14.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

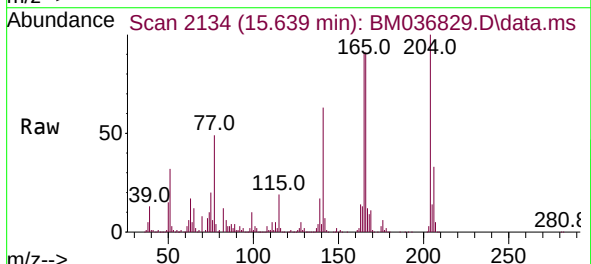
Instrument :
BNA_M
ClientSampleId :



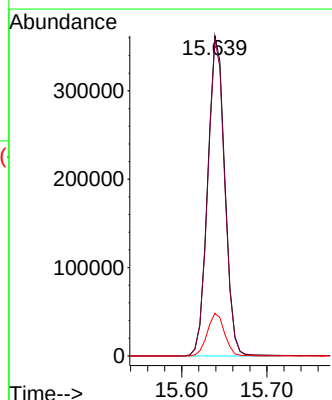
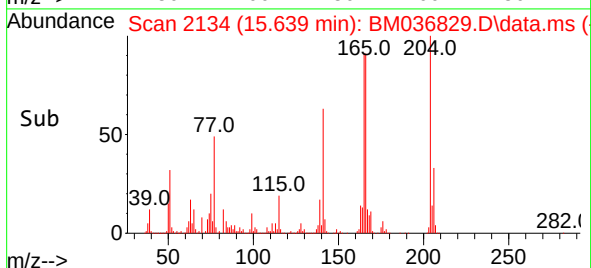
Tgt Ion:165 Resp: 570
Ion Ratio Lower Upper
165 100
63 109.9 41.8 62.8#
89 97.6 68.2 102.2
182 0.0 1.9 2.9#

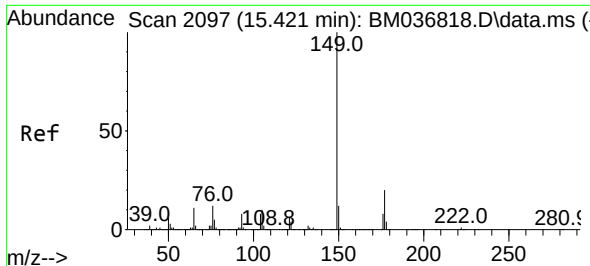


#58
Fluorene
Concen: 6.905 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25



Tgt Ion:166 Resp: 505113
Ion Ratio Lower Upper
166 100
165 99.2 77.3 115.9
167 13.3 11.0 16.4

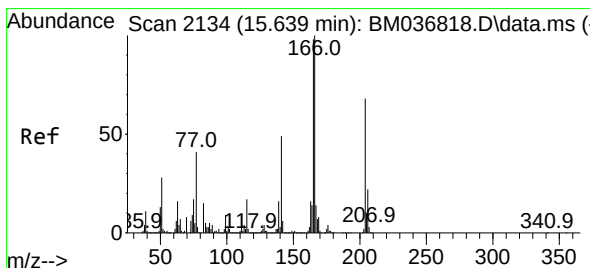
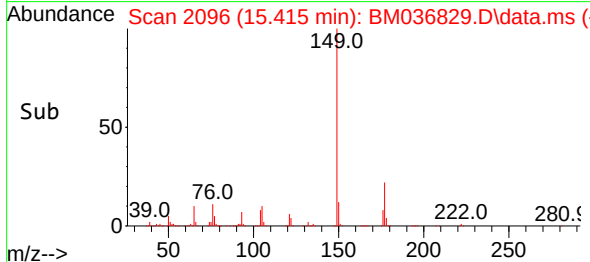
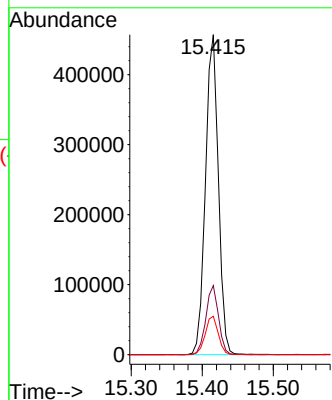
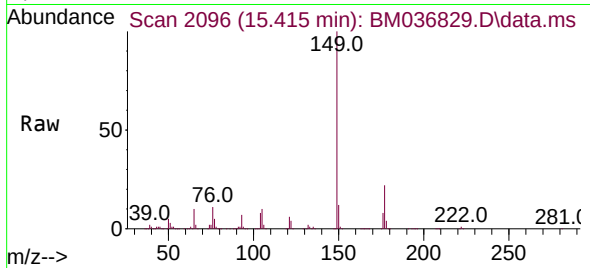




#60
Diethylphthalate
Concen: 7.571 ng
RT: 15.415 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

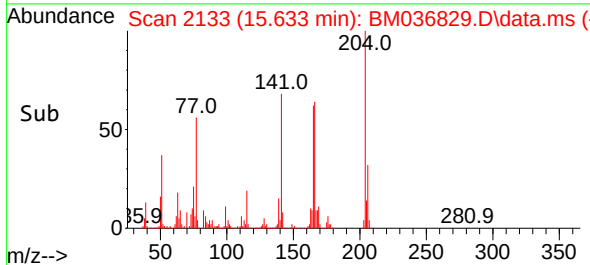
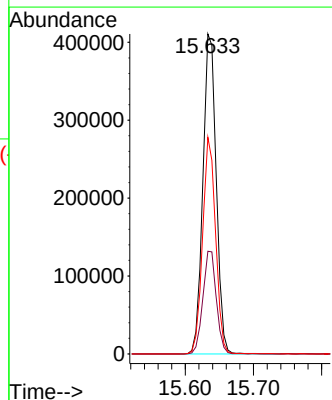
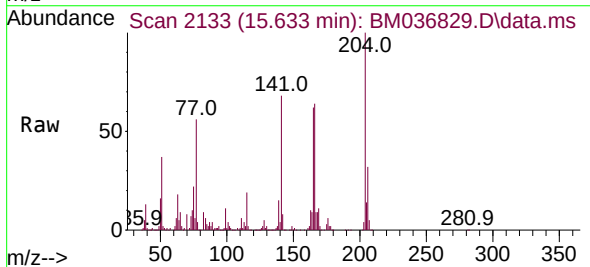
Instrument :
BNA_M
ClientSampleId :

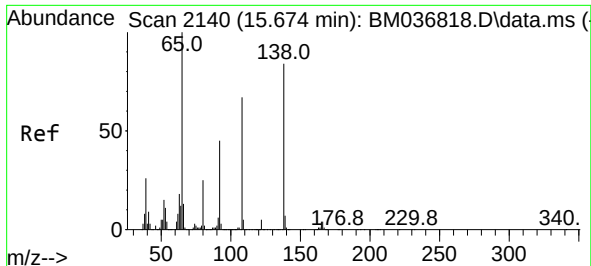
Tgt Ion:149 Resp: 573222
Ion Ratio Lower Upper
149 100
177 21.6 16.3 24.5
150 12.0 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 17.469 ng
RT: 15.633 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion:204 Resp: 558482
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 67.7 57.4 86.0

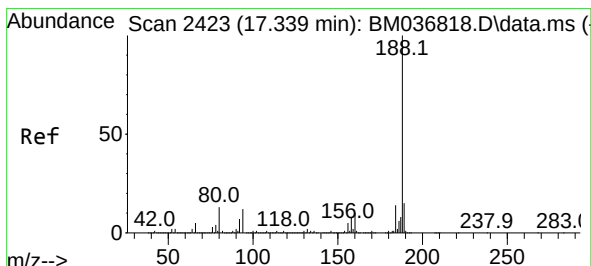
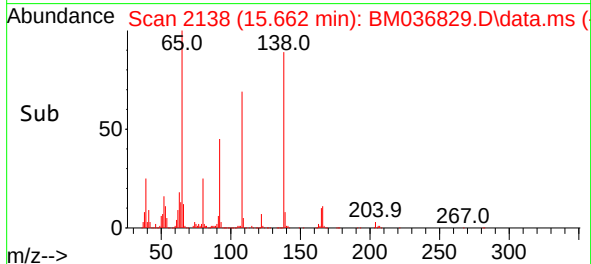
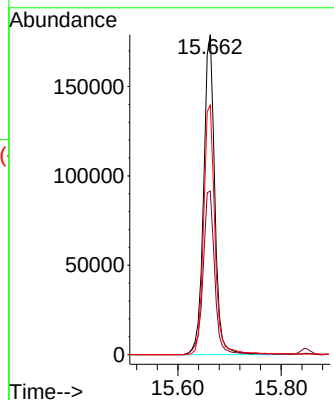
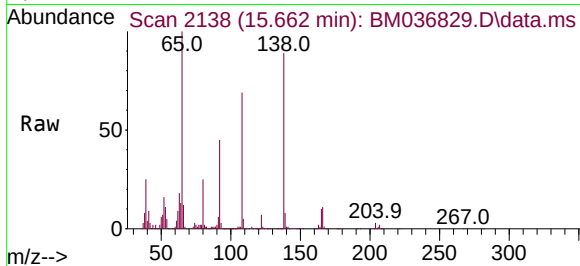




#62
4-Nitroaniline
Concen: 15.050 ng
RT: 15.662 min Scan# 2140
Delta R.T. -0.012 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

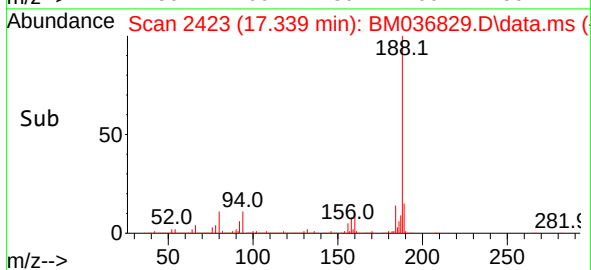
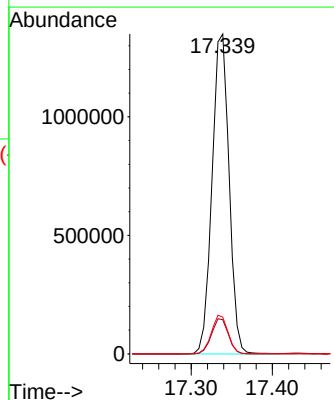
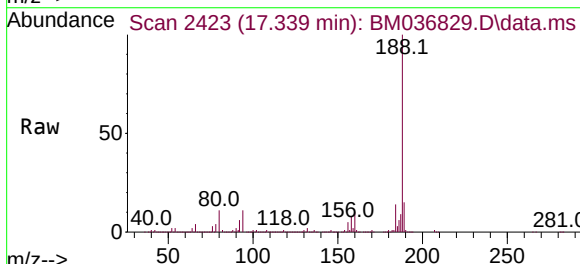
Instrument :
BNA_M
ClientSampleId :

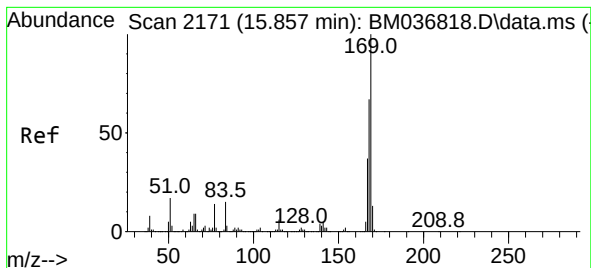
Tgt Ion:138 Resp: 268089
Ion Ratio Lower Upper
138 100
92 51.1 34.1 74.1
108 78.0 60.3 100.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion:188 Resp: 1966822
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.0
80 11.5 10.2 15.4





#66

n-Nitrosodiphenylamine

Concen: 5.075 ng

RT: 15.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

Instrument :

BNA_M

ClientSampleId :

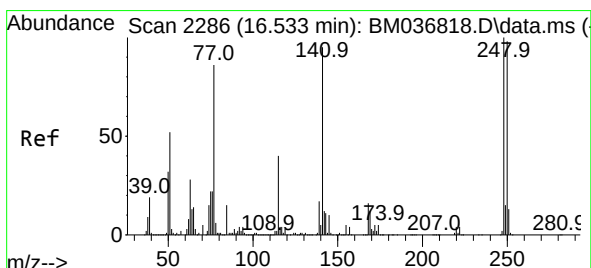
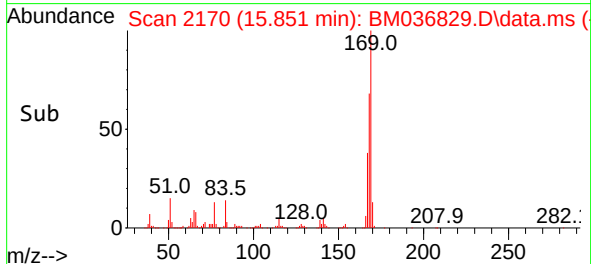
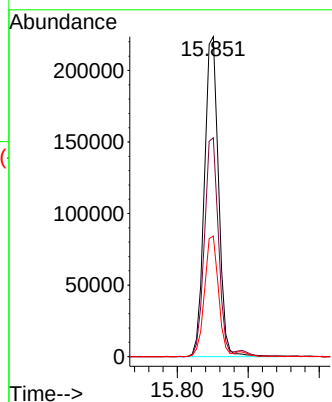
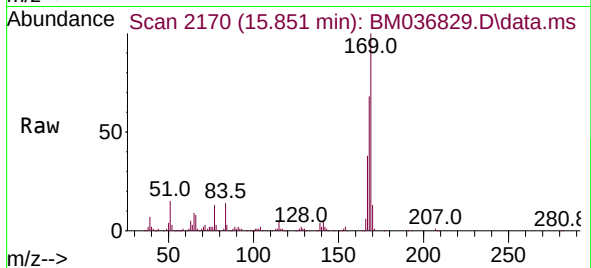
Tgt Ion:169 Resp: 308412

Ion Ratio Lower Upper

169 100

168 68.4 53.5 80.3

167 37.7 29.4 44.2



#67

4-Bromophenyl-phenylether

Concen: 11.158 ng

RT: 16.527 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

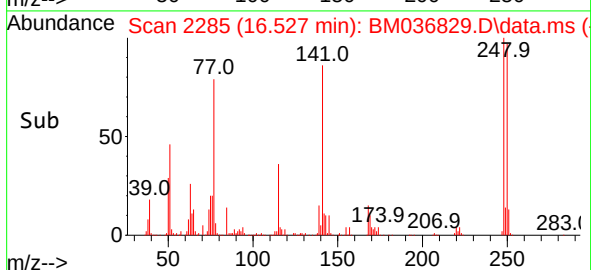
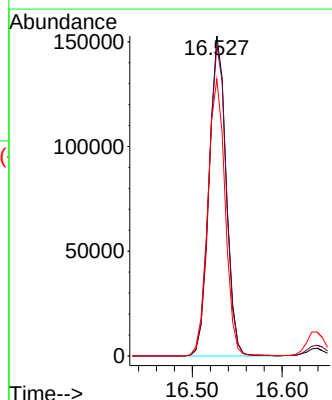
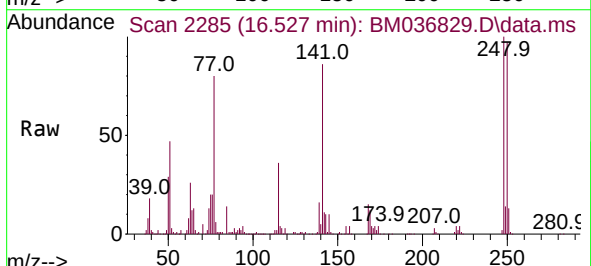
Tgt Ion:248 Resp: 202372

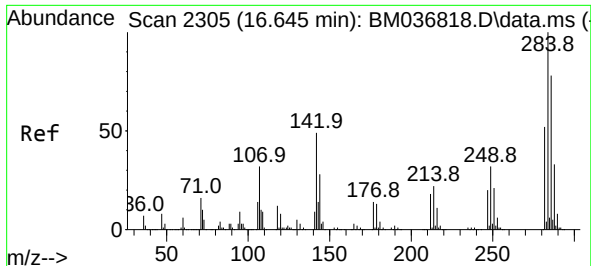
Ion Ratio Lower Upper

248 100

250 97.1 78.6 117.8

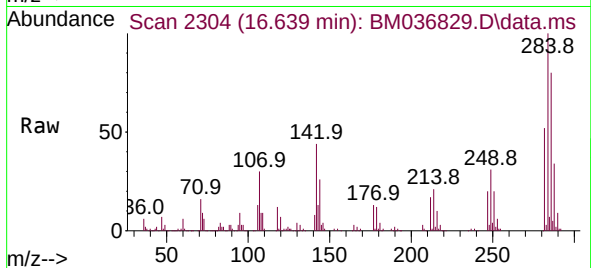
141 86.5 75.8 113.6



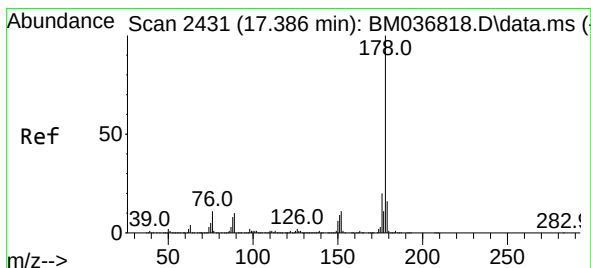
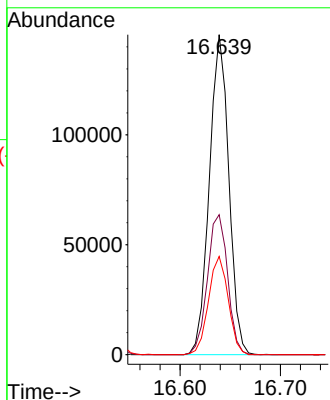
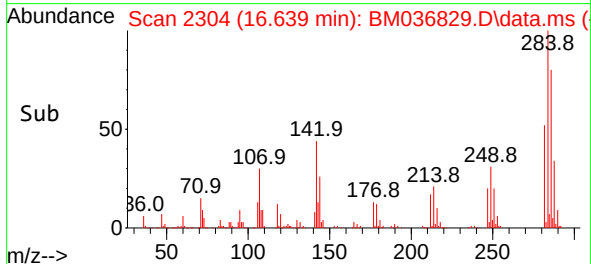


#68
Hexachlorobenzene
Concen: 9.754 ng
RT: 16.639 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

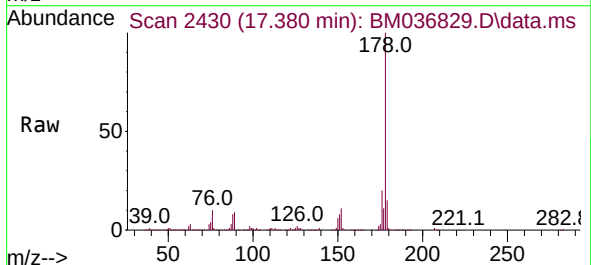
Instrument :
BNA_M
ClientSampleId :



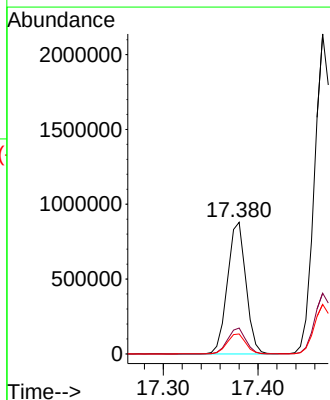
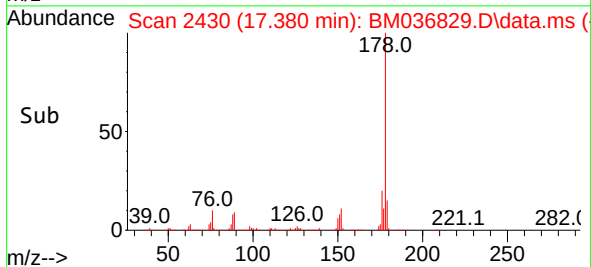
Tgt Ion:284 Resp: 195898
Ion Ratio Lower Upper
284 100
142 43.7 39.4 59.0
249 30.7 25.9 38.9

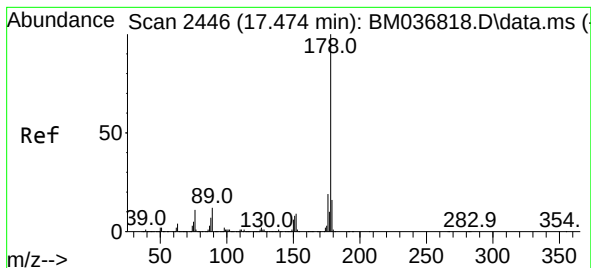


#71
Phenanthrene
Concen: 10.824 ng
RT: 17.380 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25



Tgt Ion:178 Resp: 1191853
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.2
179 15.1 12.6 18.8





#72

Anthracene

Concen: 27.178 ng

RT: 17.468 min Scan# 2446

Delta R.T. -0.006 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

Instrument :

BNA_M

ClientSampleId :

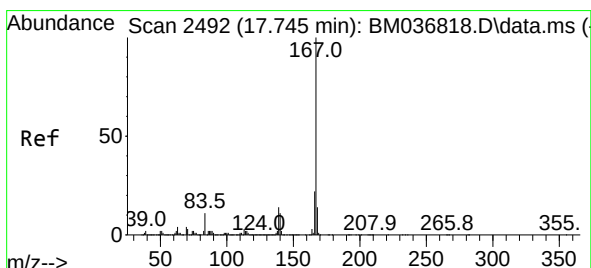
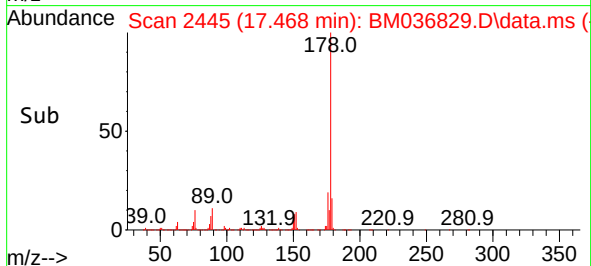
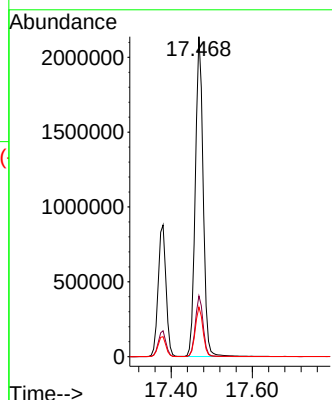
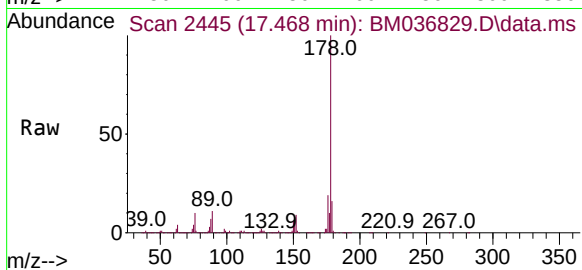
Tgt Ion:178 Resp: 2853679

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.5 12.5 18.7



#73

Carbazole

Concen: 15.126 ng

RT: 17.739 min Scan# 2491

Delta R.T. -0.006 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

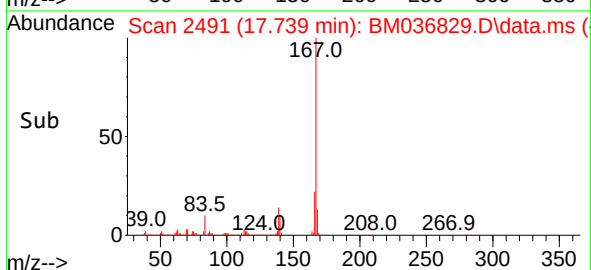
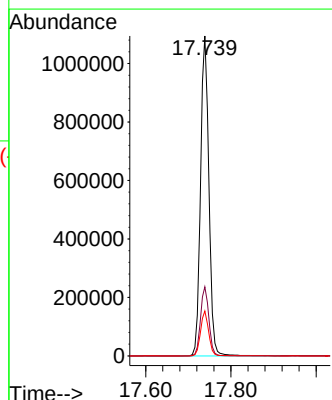
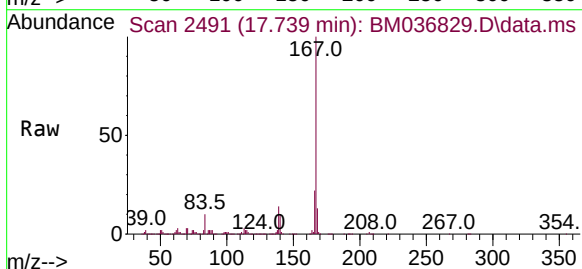
Tgt Ion:167 Resp: 1482358

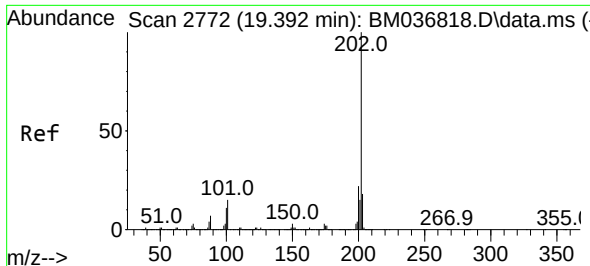
Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 14.0 11.4 17.2

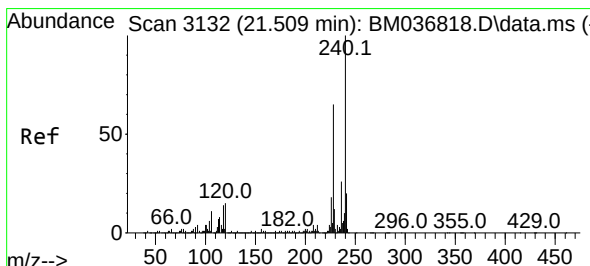
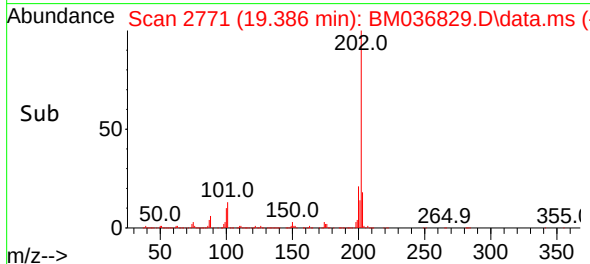
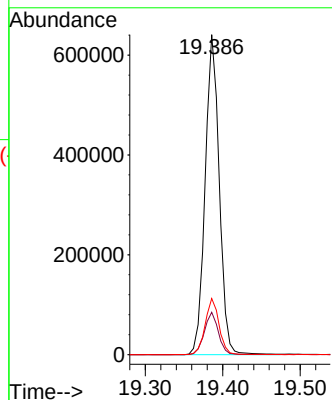
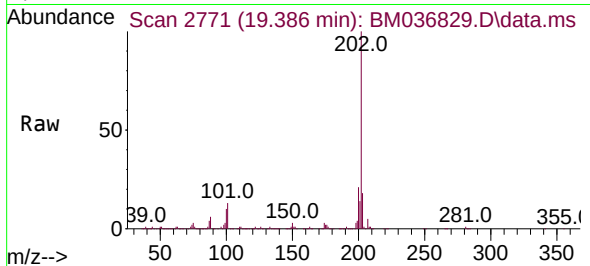




#75
Fluoranthene
Concen: 7.151 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

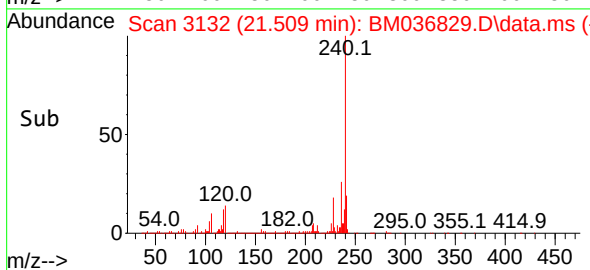
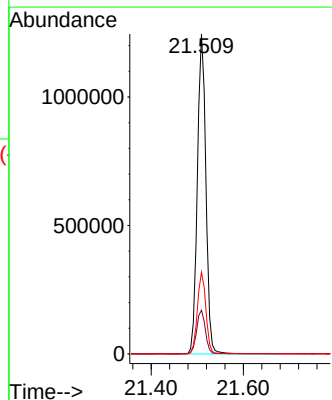
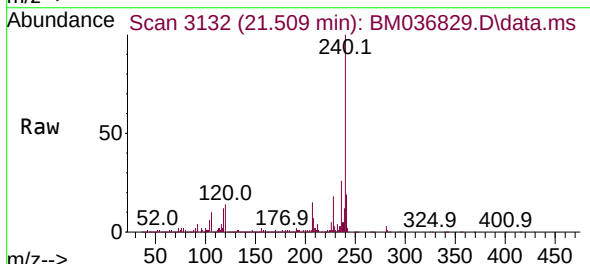
Instrument :
BNA_M
ClientSampleId :

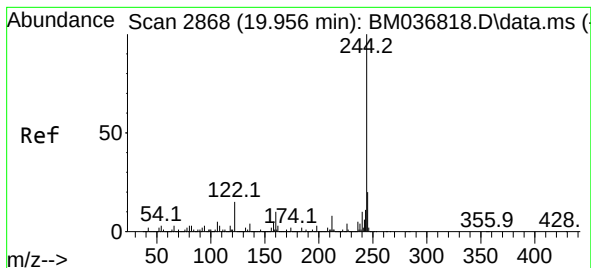
Tgt Ion:202 Resp: 810148
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.5
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion:240 Resp: 1595333
Ion Ratio Lower Upper
240 100
120 13.7 12.1 18.1
236 25.5 20.8 31.2





#79

Terphenyl-d14

Concen: 18.688 ng

RT: 19.950 min Scan# 2867

Delta R.T. -0.006 min

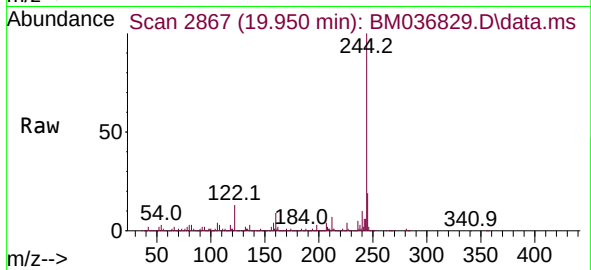
Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

Instrument :

BNA_M

ClientSampleId :



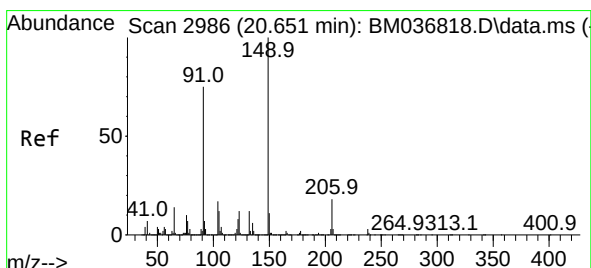
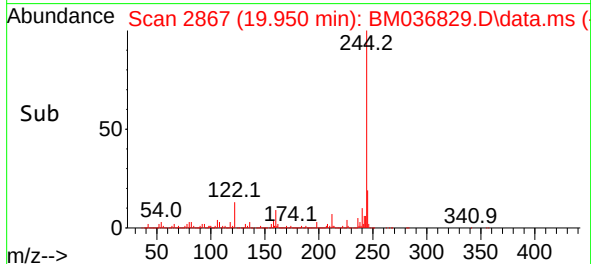
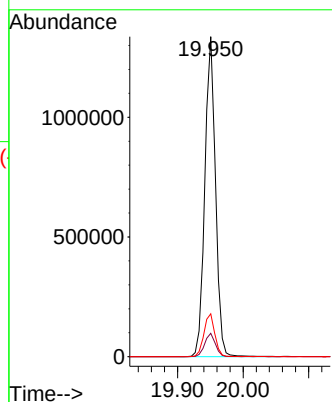
Tgt Ion:244 Resp: 1496399

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

122 13.4 12.0 18.0



#80

Butylbenzylphthalate

Concen: 3.316 ng

RT: 20.639 min Scan# 2984

Delta R.T. -0.012 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

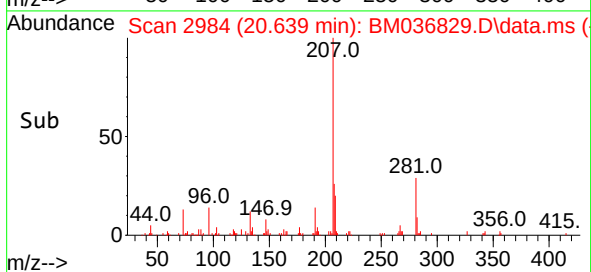
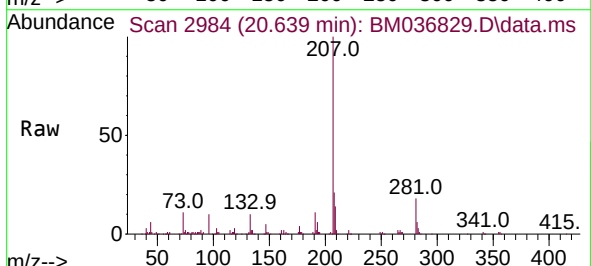
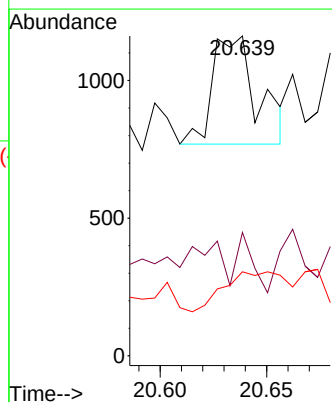
Tgt Ion:149 Resp: 571

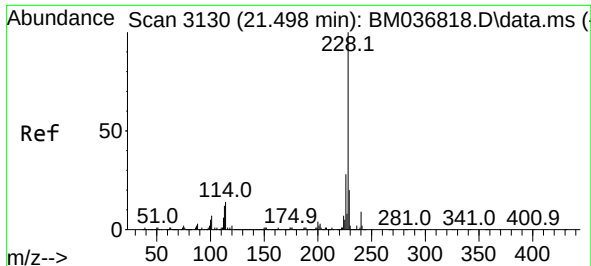
Ion Ratio Lower Upper

149 100

91 38.6 60.4 90.6#

206 26.2 14.4 21.6#

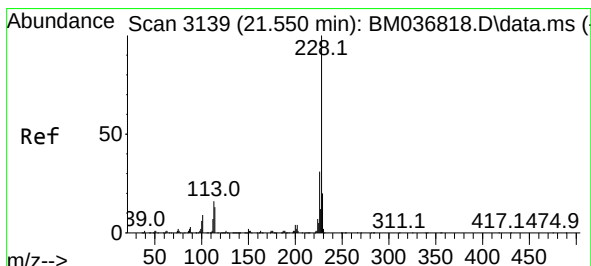
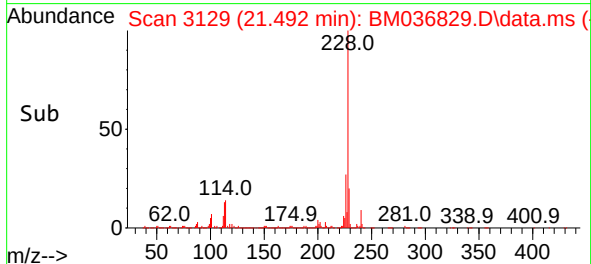
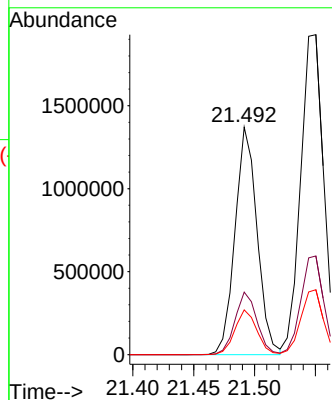
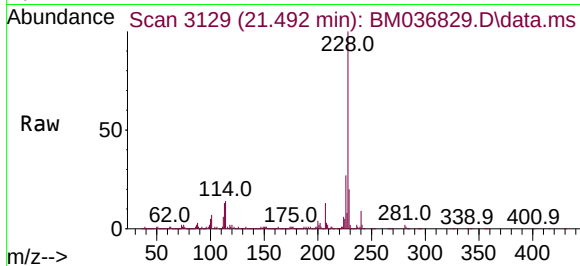




#81
Benzo(a)anthracene
Concen: 16.670 ng
RT: 21.492 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

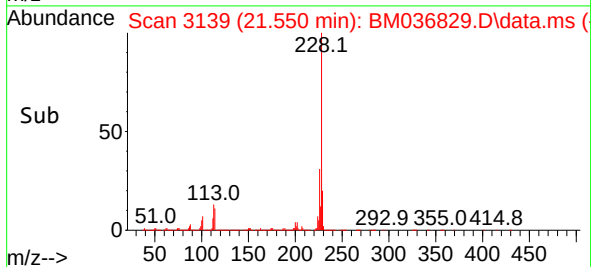
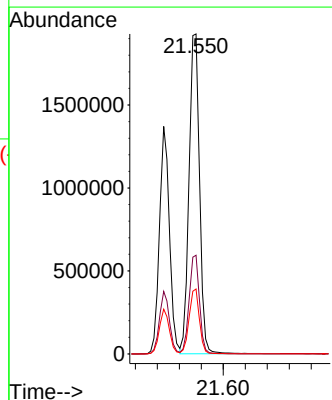
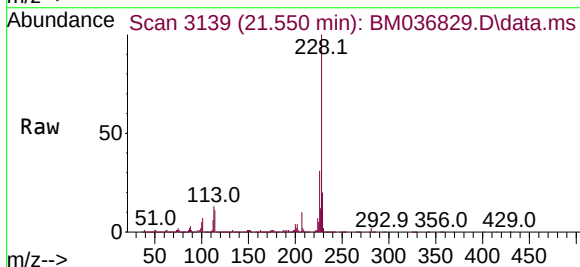
Instrument :
BNA_M
ClientSampleId :

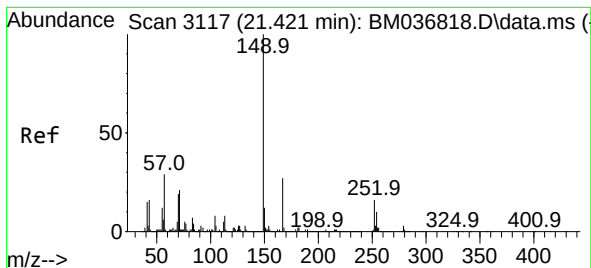
Tgt Ion:228 Resp: 1727368
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.7 15.9 23.9



#83
Chrysene
Concen: 25.620 ng
RT: 21.550 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM036829.D
Acq: 04 Oct 2022 16:25

Tgt Ion:228 Resp: 2557022
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 20.3 15.8 23.8



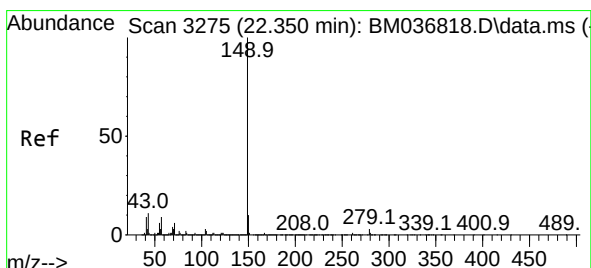
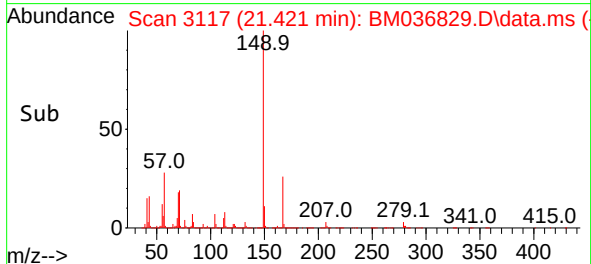
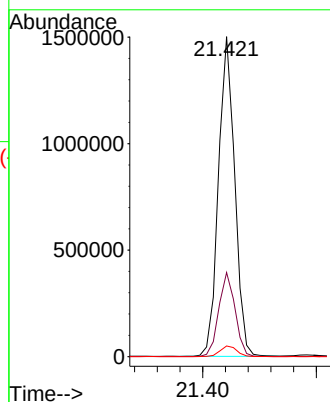
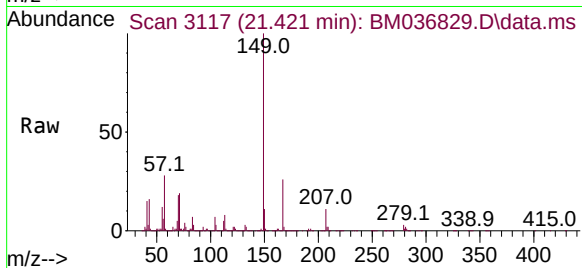


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 19.861 ng
 RT: 21.421 min Scan# 3117
 Delta R.T. -0.000 min
 Lab File: BM036829.D
 Acq: 04 Oct 2022 16:25

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:149 Resp: 1492115

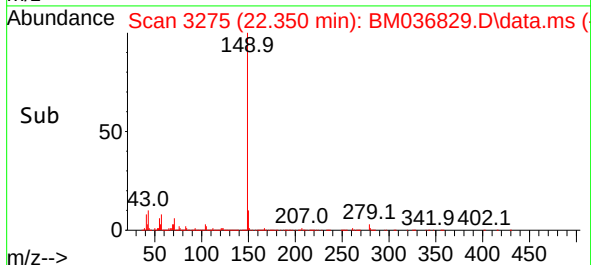
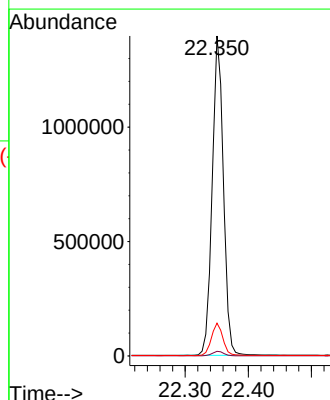
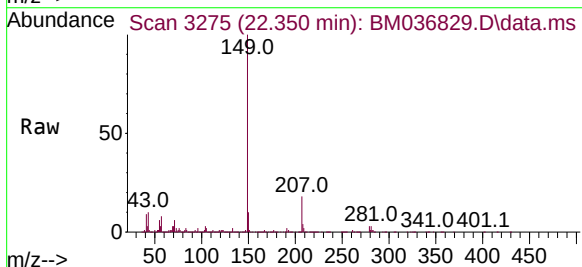
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.3	2.4	3.6

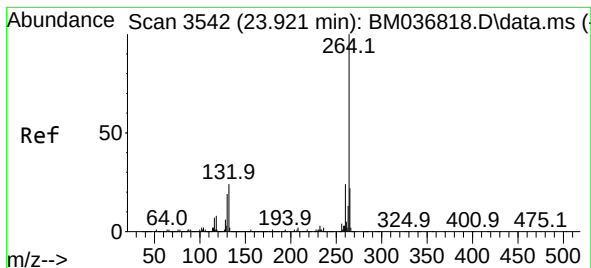


#85
 Di-n-octyl phthalate
 Concen: 16.483 ng
 RT: 22.350 min Scan# 3275
 Delta R.T. 0.000 min
 Lab File: BM036829.D
 Acq: 04 Oct 2022 16:25

Tgt Ion:149 Resp: 1720072

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	8.9	13.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

Instrument :

BNA_M

ClientSampleId :

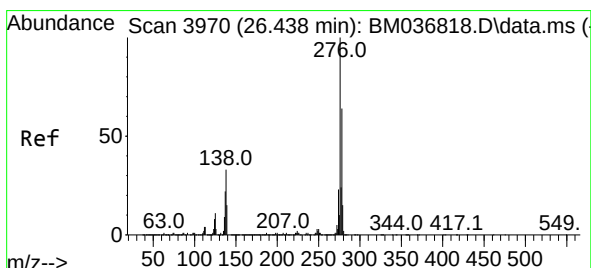
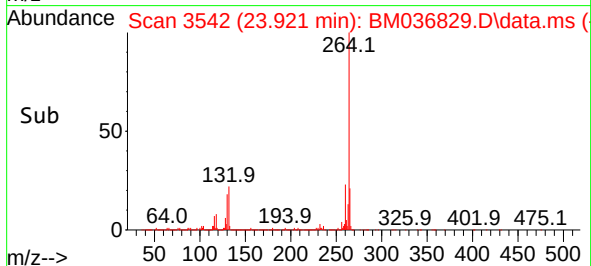
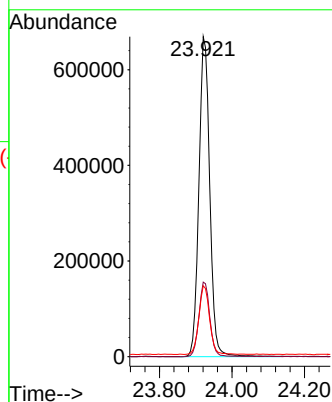
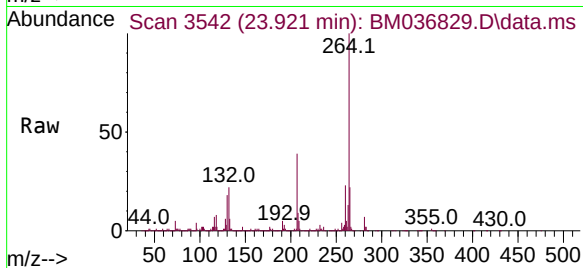
Tgt Ion:264 Resp: 1386179

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.1 17.9 26.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 20.929 ng

RT: 26.432 min Scan# 3969

Delta R.T. -0.006 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

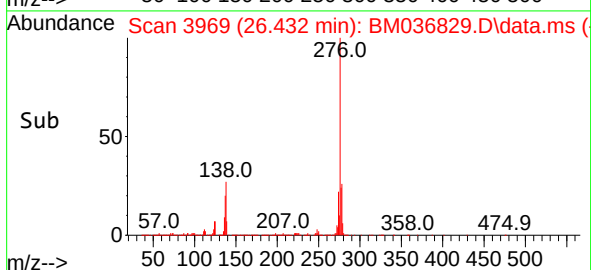
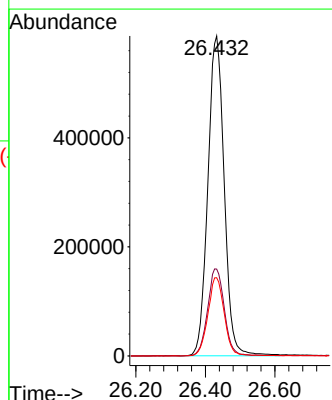
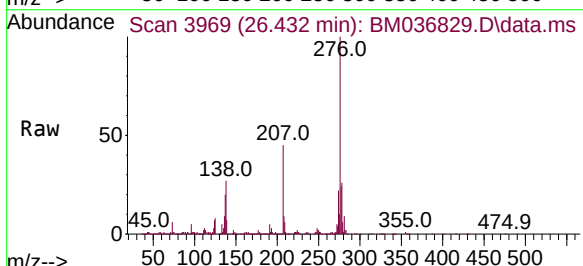
Tgt Ion:276 Resp: 1915893

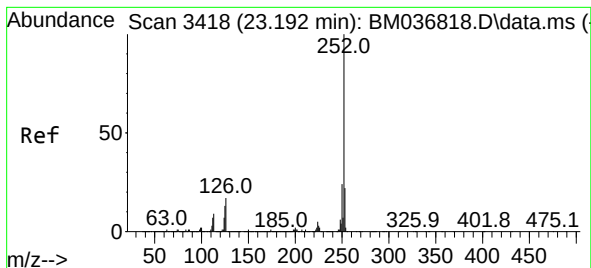
Ion Ratio Lower Upper

276 100

138 27.7 27.5 41.3

277 24.6 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 28.639 ng

RT: 23.238 min Scan# 3418

Delta R.T. 0.047 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

Instrument :

BNA_M

ClientSampleId :

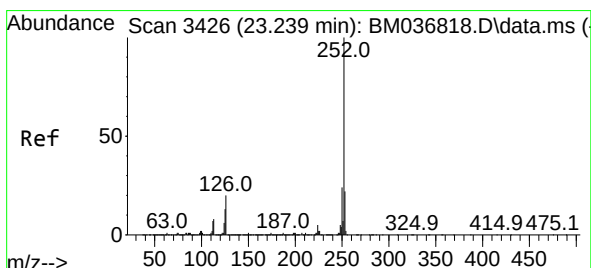
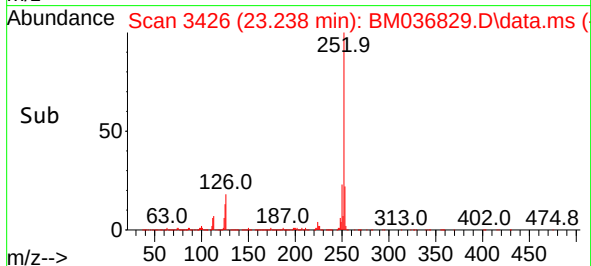
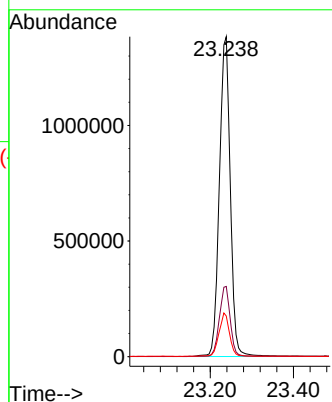
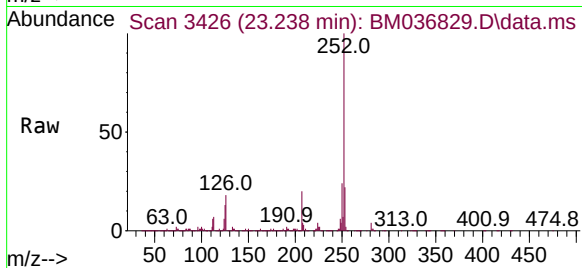
Tgt Ion:252 Resp: 2515726

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.7 10.5 15.7



#89

Benzo(k)fluoranthene

Concen: 27.835 ng

RT: 23.238 min Scan# 3426

Delta R.T. -0.000 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

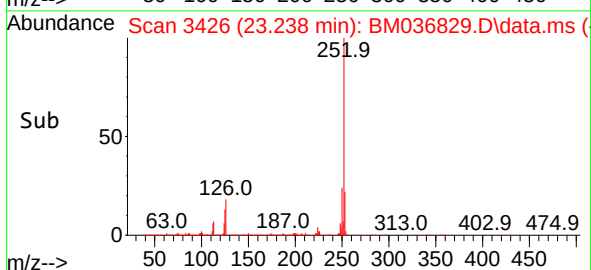
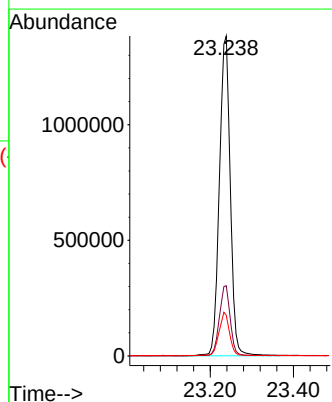
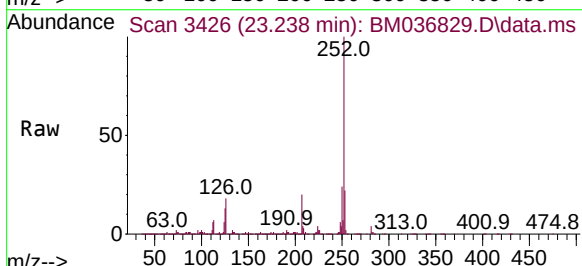
Tgt Ion:252 Resp: 2515726

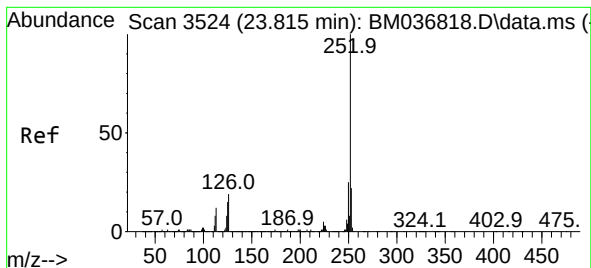
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 12.7 10.9 16.3





#90

Benzo(a)pyrene

Concen: 21.998 ng

RT: 23.815 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

Instrument :

BNA_M

ClientSampleId :

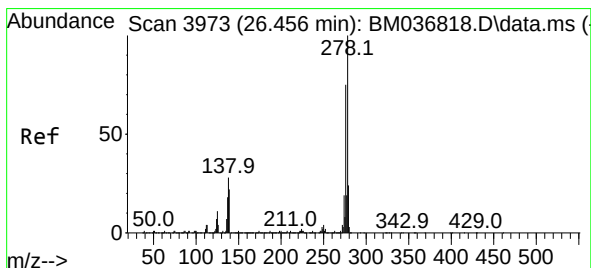
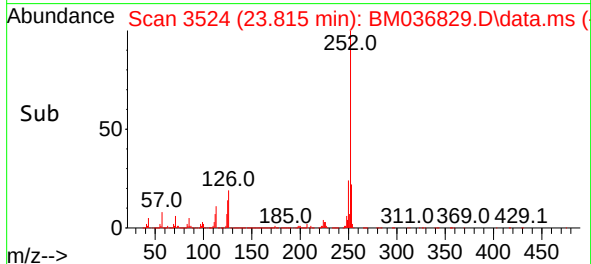
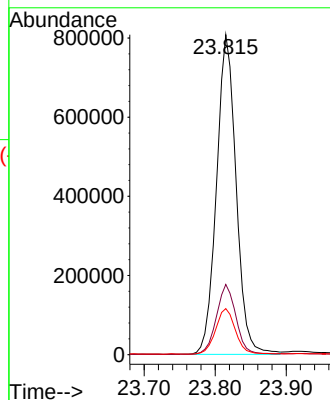
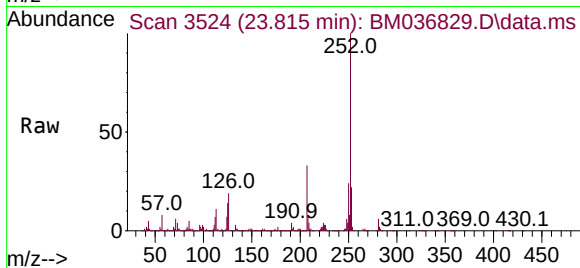
Tgt Ion:252 Resp: 1554052

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 14.4 12.5 18.7



#91

Dibenzo(a,h)anthracene

Concen: 7.926 ng

RT: 26.444 min Scan# 3971

Delta R.T. -0.012 min

Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

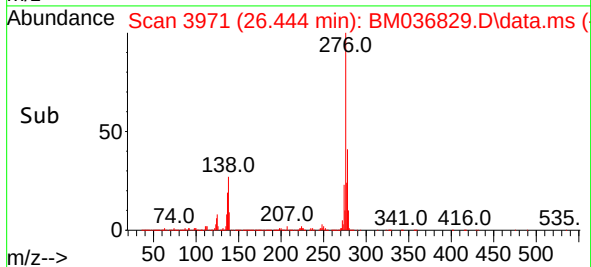
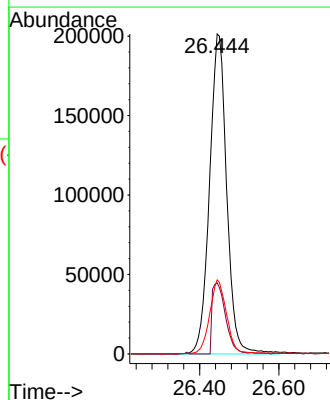
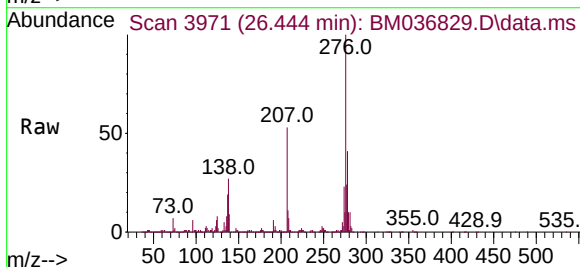
Tgt Ion:278 Resp: 604420

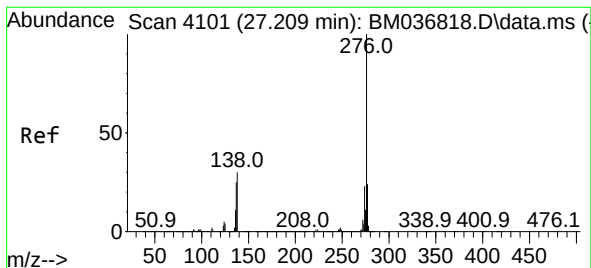
Ion Ratio Lower Upper

278 100

139 22.2 17.4 26.2

279 23.1 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 5.586 ng

RT: 27.191 min Scan# 40

Delta R.T. -0.018 min

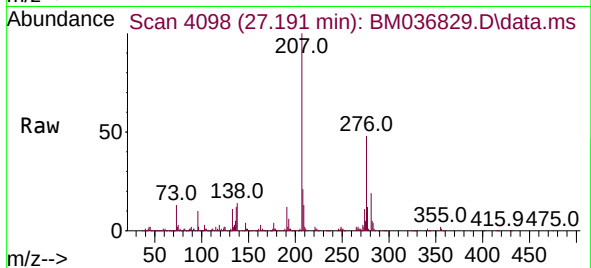
Lab File: BM036829.D

Acq: 04 Oct 2022 16:25

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 413615

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 28.7 23.6 35.4

