

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100422\
 Data File : BM036828.D
 Acq On : 04 Oct 2022 14:43
 Operator : CG/JU
 Sample : N4785-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Quant Time: Oct 04 22:05:34 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	373704	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1581275	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	873943	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1577690	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1269497	20.000	ng	0.00
86) Perylene-d12	23.927	264	1149094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3172123	150.644	ng	0.00
7) Phenol-d6	7.134	99	4169572	140.968	ng	0.00
23) Nitrobenzene-d5	9.139	82	2456561	83.095	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1049956	153.182	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	5225123	92.188	ng	0.00
79) Terphenyl-d14	19.950	244	6173604	96.891	ng	0.00
Target Compounds						Qvalue
11) bis(2-Chloroethyl)ether	7.392	93	3627488	131.087	ng	97
12) 1,3-Dichlorobenzene	7.857	146	1689369	61.369	ng	98
13) 1,4-Dichlorobenzene	8.004	146	3732385	132.300	ng	99
18) Hexachloroethane	9.051	117	1415355	135.995	ng	98
24) Nitrobenzene	9.181	77	3031840	96.973	ng	97
28) bis(2-Chloroethoxy)met...	10.192	93	4163944	125.949	ng	99
31) Naphthalene	10.833	128	10449251	122.317	ng	98
38) 1-Methylnaphthalene	12.651	142	986297	17.561	ng	100
41) Hexachlorocyclopentadiene	12.774	237	952463	90.633	ng	99
47) 2-Chloronaphthalene	13.480	162	3519896	71.141	ng	100
49) Acenaphthylene	14.327	152	8264934	103.147	ng	99
50) Dimethylphthalate	14.063	163	7537703	122.306	ng	98
51) 2,6-Dinitrotoluene	14.186	165	755227	61.330	ng	92
52) Acenaphthene	14.663	154	1939605	38.953	ng	99
55) Dibenzofuran	14.998	168	6725858	89.215	ng	98
58) Fluorene	15.645	166	2201582	35.645	ng	99
60) Diethylphthalate	15.415	149	2638101	41.272	ng	100
61) 4-Chlorophenyl-phenyle...	15.639	204	2430548	90.047	ng	94
62) 4-Nitroaniline	15.674	138	1244330	74.019	ng	96
66) n-Nitrosodiphenylamine	15.851	169	1367353	28.052	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	894215	61.463	ng	98
68) Hexachlorobenzene	16.639	284	842555	52.298	ng	97
71) Phenanthrene	17.380	178	4947330	56.011	ng	100
72) Anthracene	17.474	178	11243219	133.490	ng	97
73) Carbazole	17.745	167	6147798	78.203	ng	99
75) Fluoranthene	19.386	202	3442507	37.880	ng	99
81) Benzo(a)anthracene	21.497	228	7145801	86.662	ng	99
83) Chrysene	21.556	228	9993128	125.826	ng	96
84) Bis(2-ethylhexyl)phtha...	21.421	149	7239612	108.745	ng	99
85) Di-n-octyl phthalate	22.356	149	9015201	85.909	ng	97
87) Indeno(1,2,3-cd)pyrene	26.456	276	8681663	114.404	ng	93
89) Benzo(k)fluoranthene	23.250	252	10867764	145.052	ng	98
90) Benzo(a)pyrene	23.827	252	7030252	120.045	ng	98
91) Dibenzo(a,h)anthracene	26.468	278	2820496	44.616	ng	98
92) Benzo(g,h,i)perylene	27.203	276	1922065	31.316	ng	99

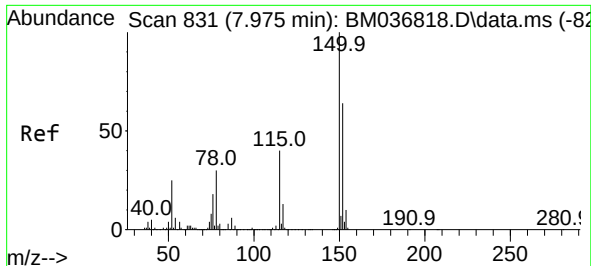
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100422\
Data File : BM036828.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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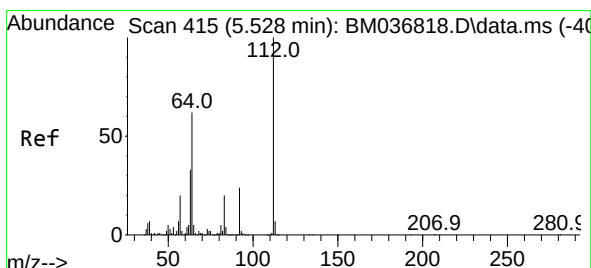
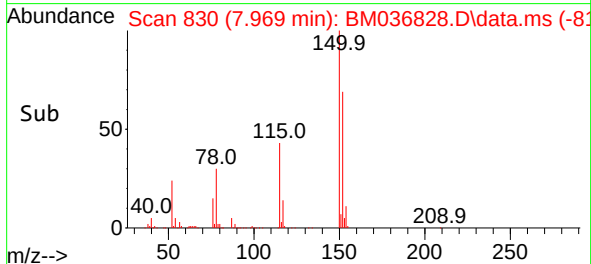
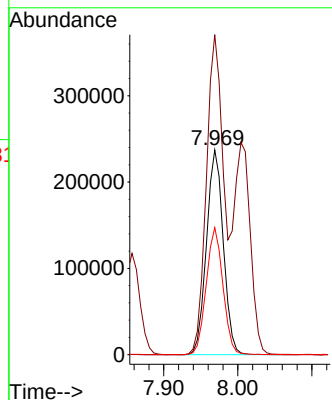
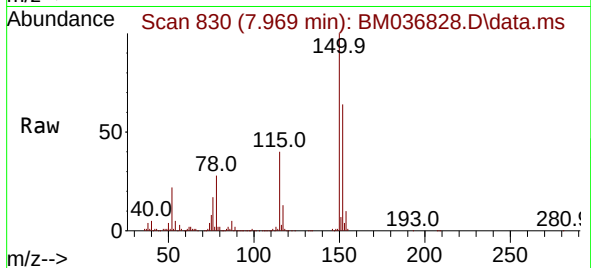
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

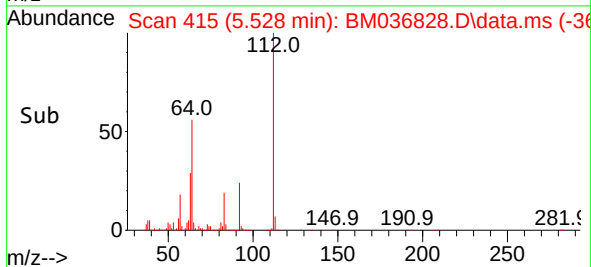
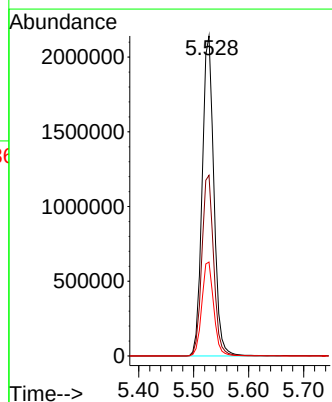
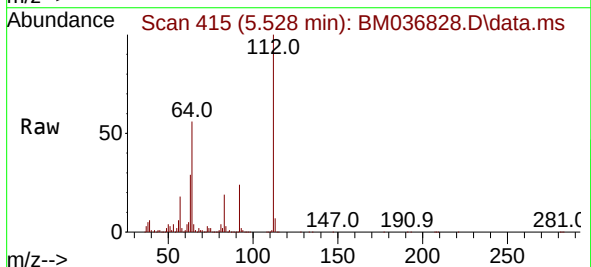
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

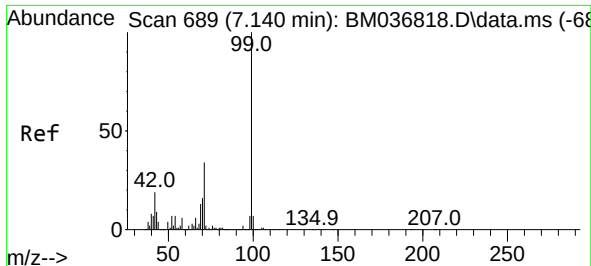
Tgt Ion:152 Resp: 373704
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 62.0 50.1 75.1



#5
2-Fluorophenol
Concen: 150.644 ng
RT: 5.528 min Scan# 415
Delta R.T. -0.000 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:112 Resp: 3172123
Ion Ratio Lower Upper
112 100
64 56.4 49.6 74.4
63 29.3 26.2 39.4



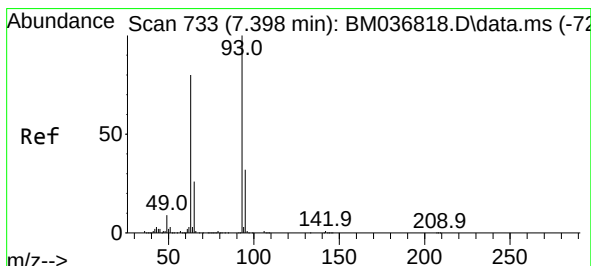
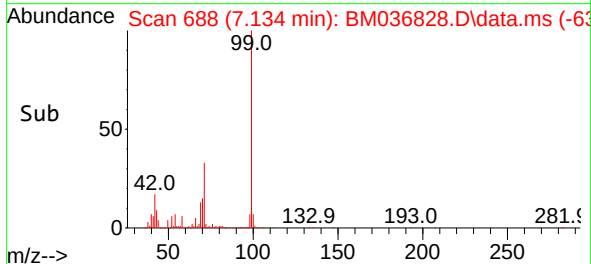
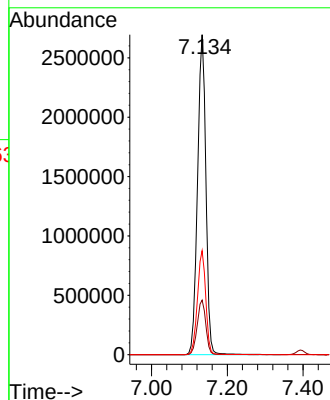
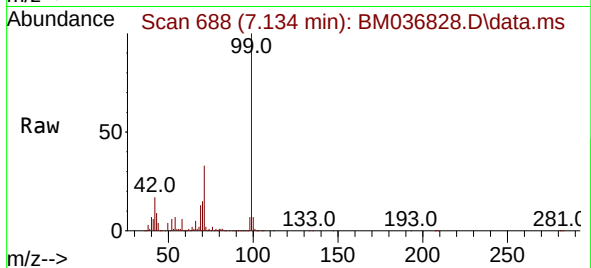


#7
Phenol-d6
Concen: 140.968 ng
RT: 7.134 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

Tgt Ion: 99 Resp: 4169572

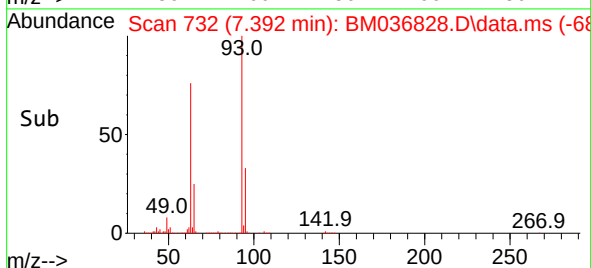
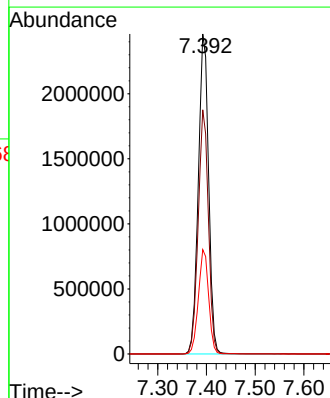
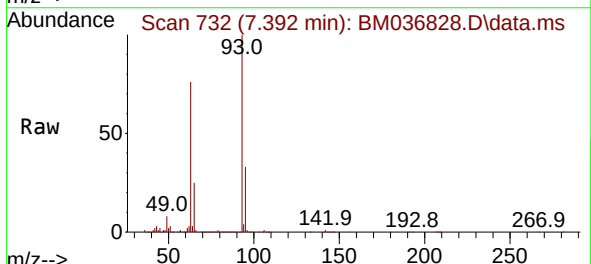
Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.4	23.0
71	32.5	26.9	40.3

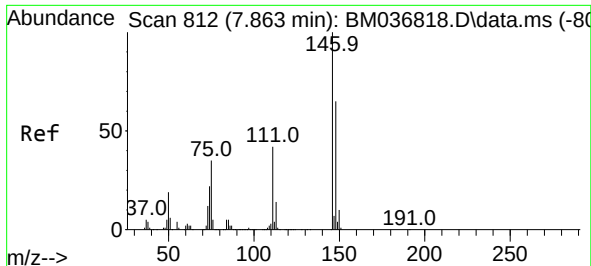


#11
bis(2-Chloroethyl)ether
Concen: 131.087 ng
RT: 7.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion: 93 Resp: 3627488

Ion	Ratio	Lower	Upper
93	100		
63	76.3	60.1	100.1
95	32.6	11.9	51.9





#12

1,3-Dichlorobenzene

Concen: 61.369 ng

RT: 7.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

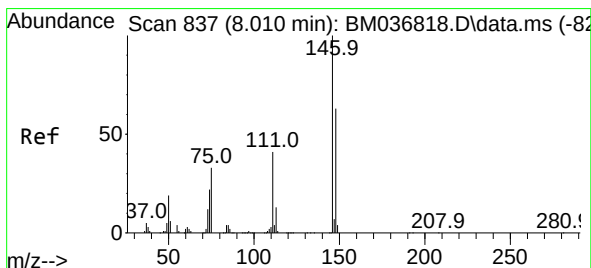
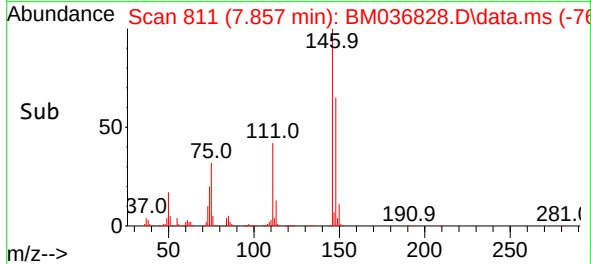
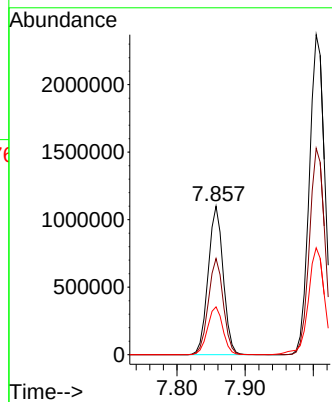
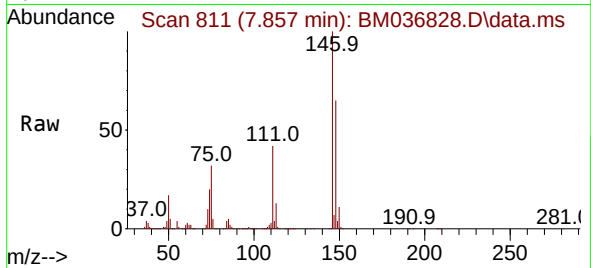
Tgt Ion:146 Resp: 1689369

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

75 32.3 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 132.300 ng

RT: 8.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

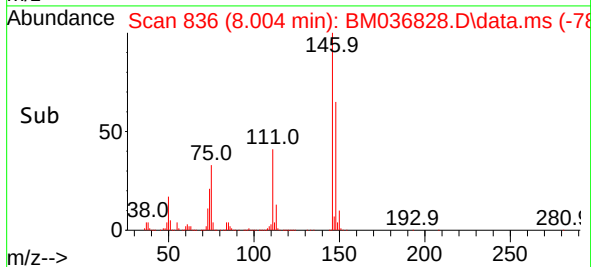
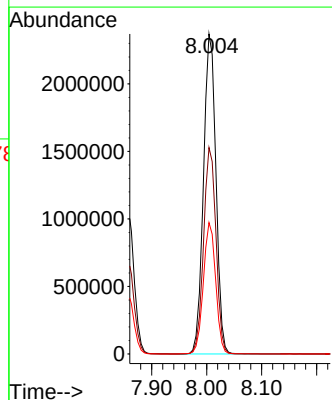
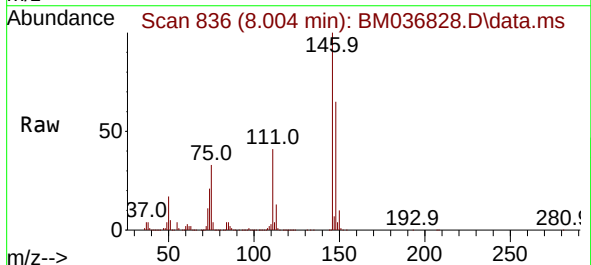
Tgt Ion:146 Resp: 3732385

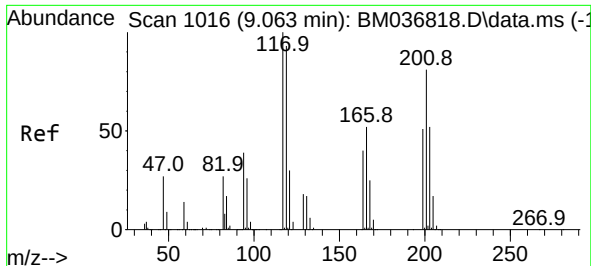
Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

111 41.1 32.8 49.2

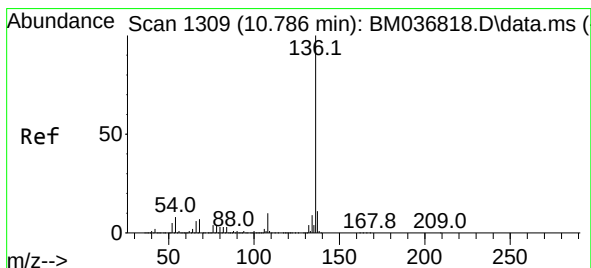
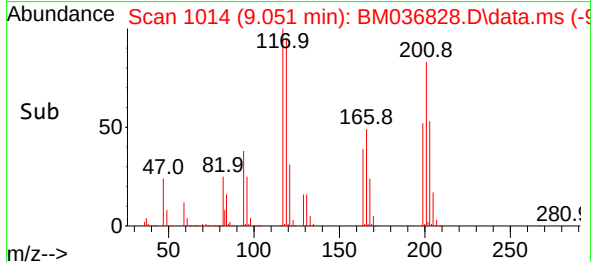
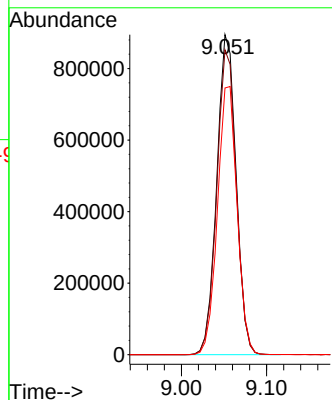
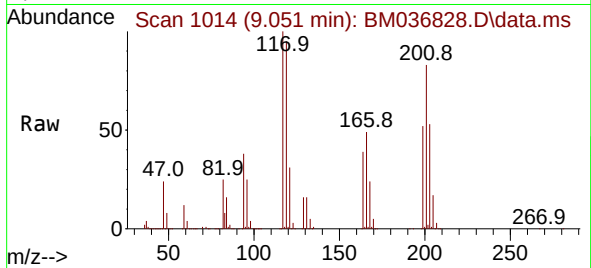




#18
Hexachloroethane
Concen: 135.995 ng
RT: 9.051 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

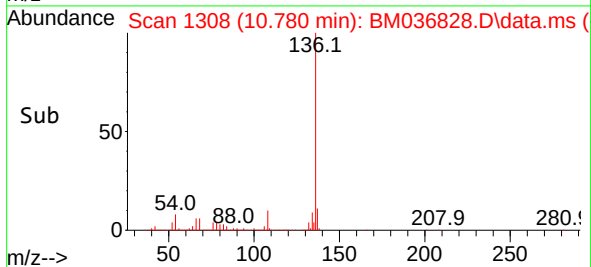
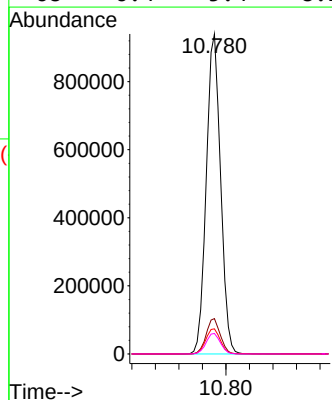
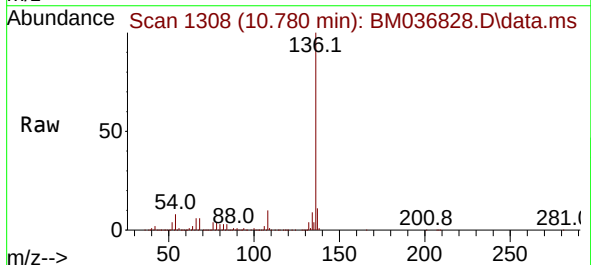
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

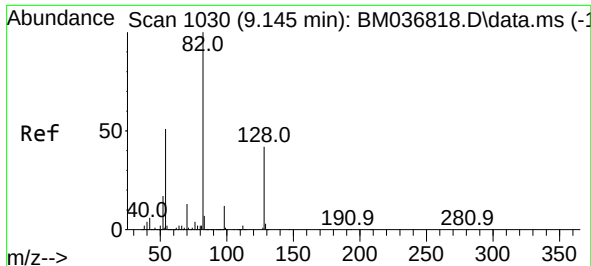
Tgt Ion:117 Resp: 1415355
Ion Ratio Lower Upper
117 100
119 95.2 74.4 111.6
201 83.3 65.0 97.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:136 Resp: 1581275
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.7 10.1
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 83.095 ng

RT: 9.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

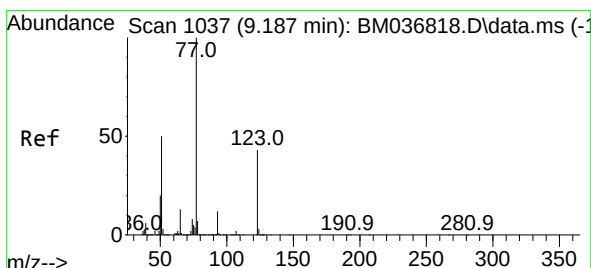
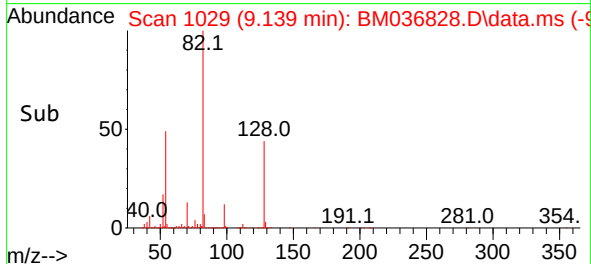
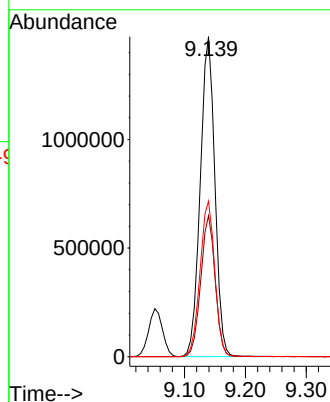
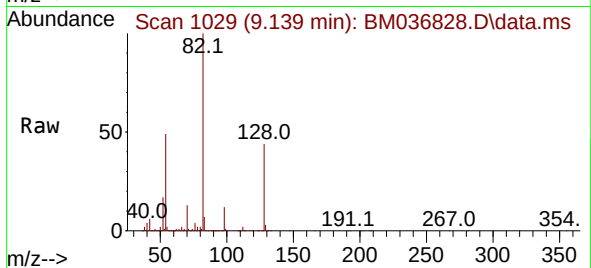
Tgt Ion: 82 Resp: 2456561

Ion Ratio Lower Upper

82 100

128 44.1 33.2 49.8

54 48.6 40.6 60.8



#24

Nitrobenzene

Concen: 96.973 ng

RT: 9.181 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

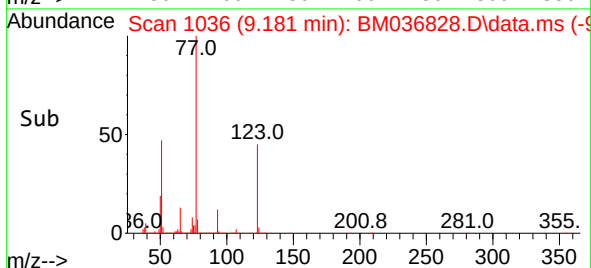
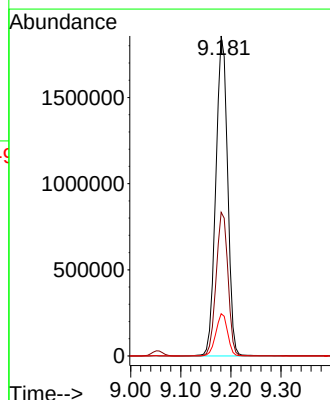
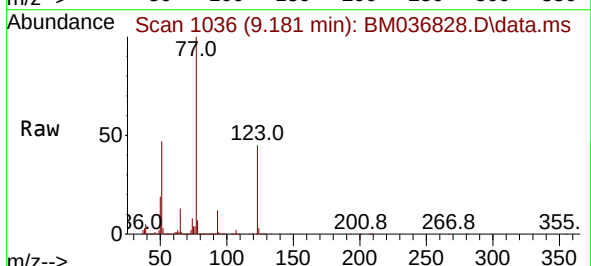
Tgt Ion: 77 Resp: 3031840

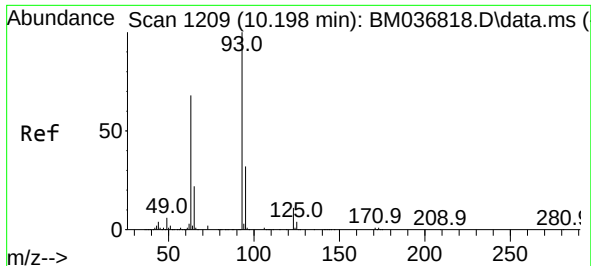
Ion Ratio Lower Upper

77 100

123 44.9 34.2 51.2

65 13.2 10.7 16.1

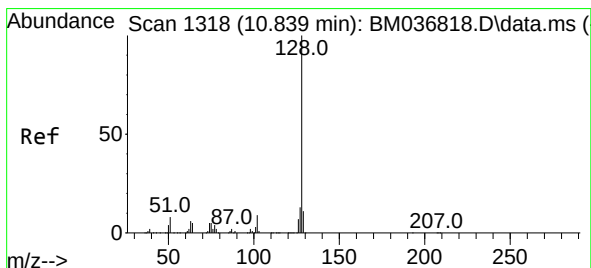
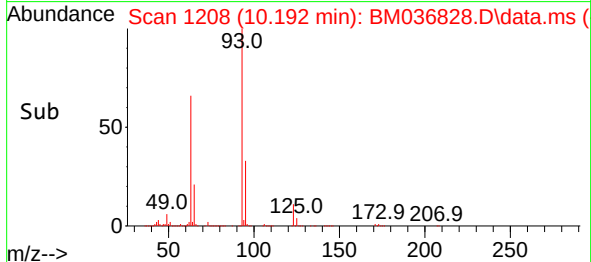
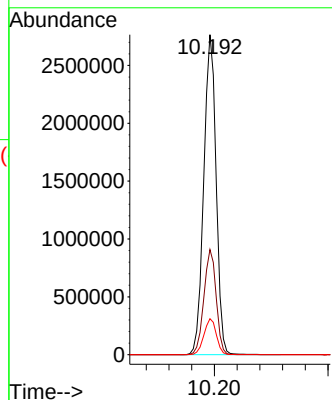
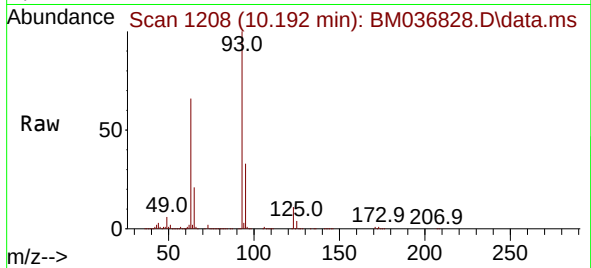




#28
bis(2-Chloroethoxy)methane
Concen: 125.949 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

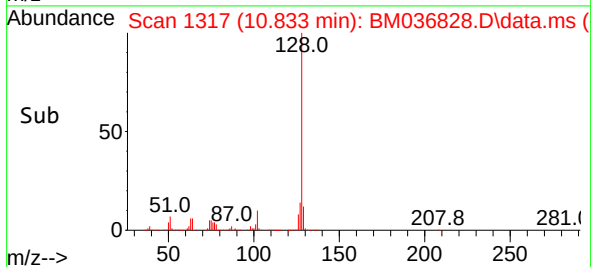
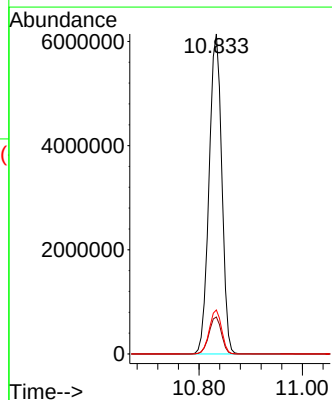
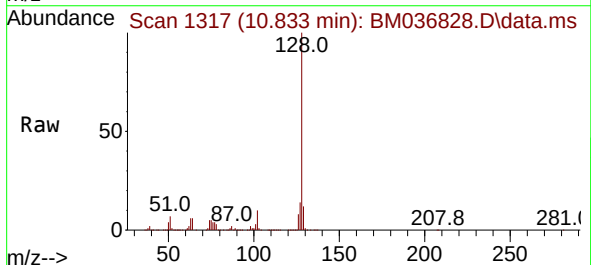
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

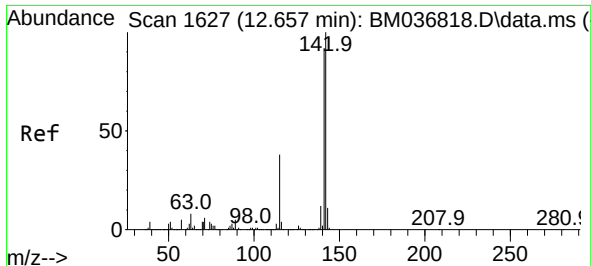
Tgt Ion: 93 Resp: 4163944
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 11.2 9.0 13.4



#31
Naphthalene
Concen: 122.317 ng
RT: 10.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion: 128 Resp: 10449251
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.8 10.3 15.5

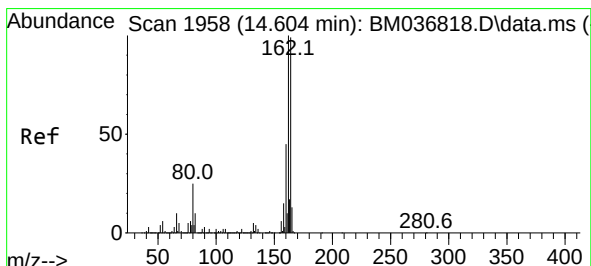
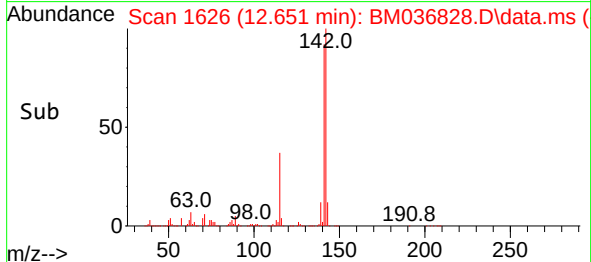
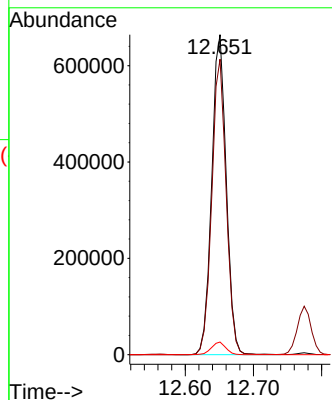
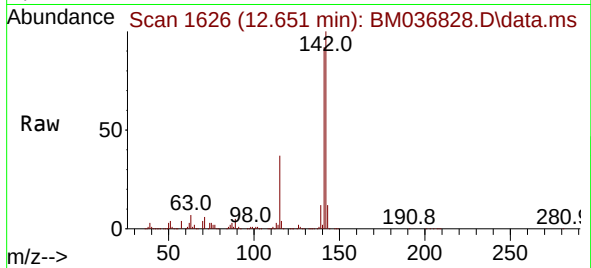




#38
1-Methylnaphthalene
Concen: 17.561 ng
RT: 12.651 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

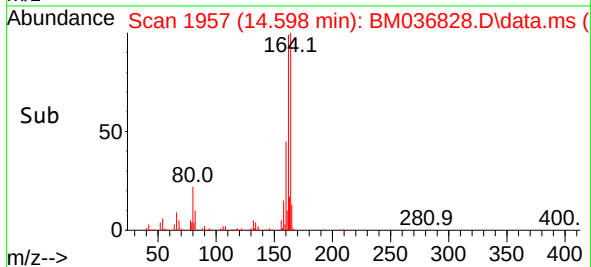
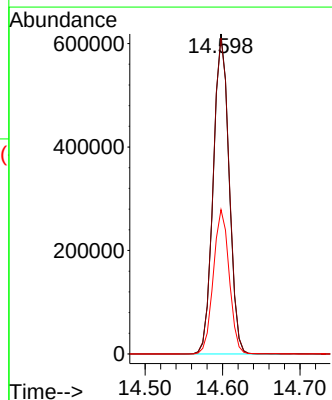
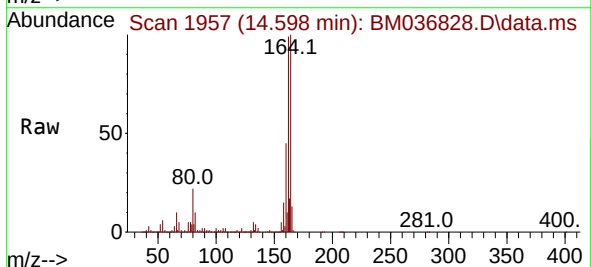
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BNA_M
ClientSampleId :
PT-BN-WP

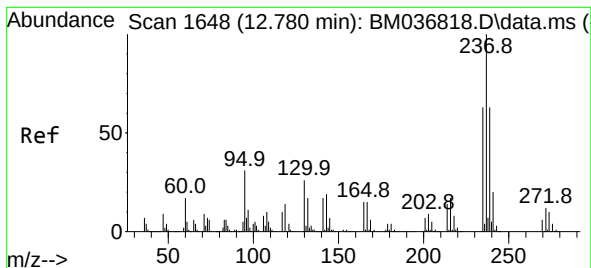
Tgt Ion:142 Resp: 986297
Ion Ratio Lower Upper
142 100
141 92.3 73.6 110.4
116 3.9 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:164 Resp: 873943
Ion Ratio Lower Upper
164 100
162 98.8 80.5 120.7
160 45.1 36.1 54.1

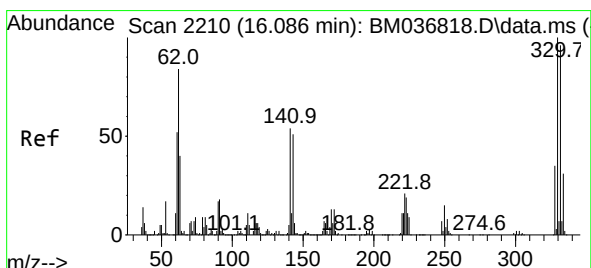
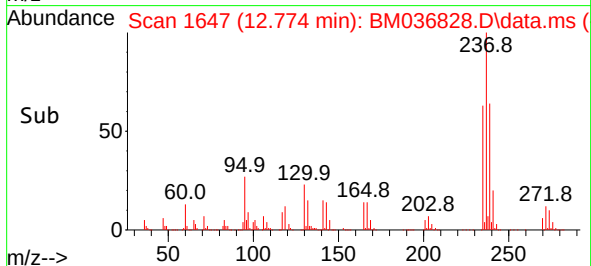
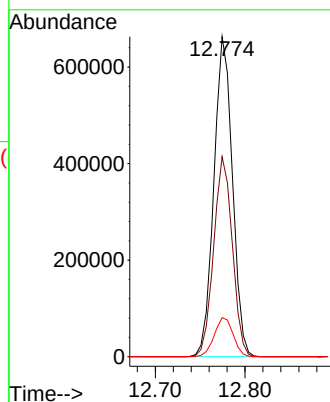
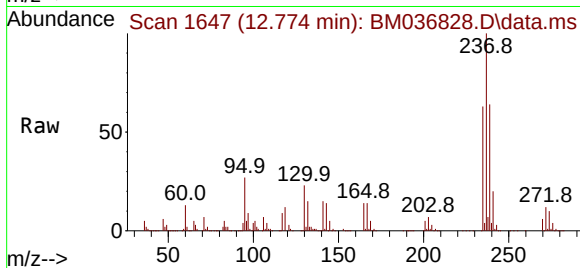




#41
Hexachlorocyclopentadiene
Concen: 90.633 ng
RT: 12.774 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

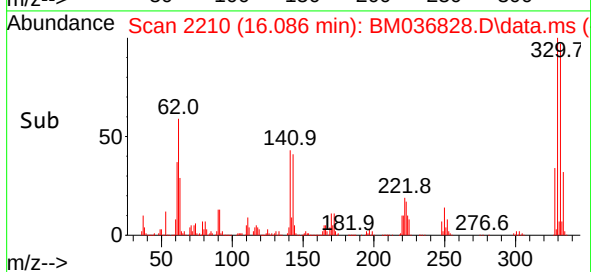
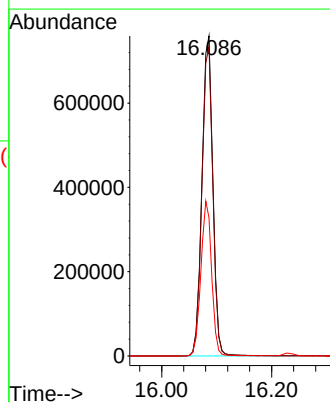
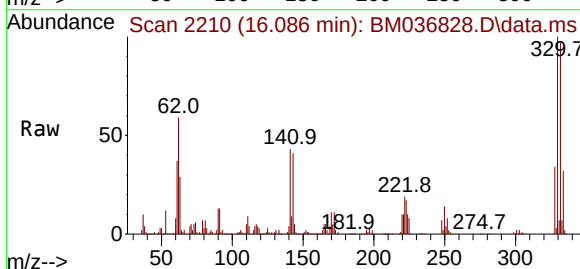
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

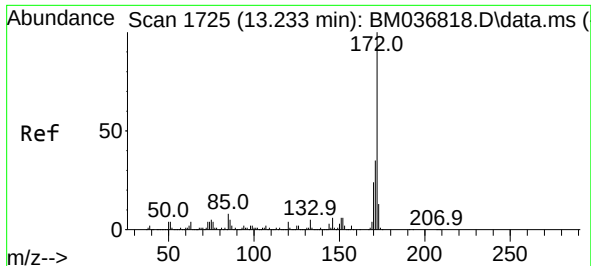
Tgt Ion:237 Resp: 952463
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 12.2 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 153.182 ng
RT: 16.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:330 Resp: 1049956
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 47.7 41.5 62.3

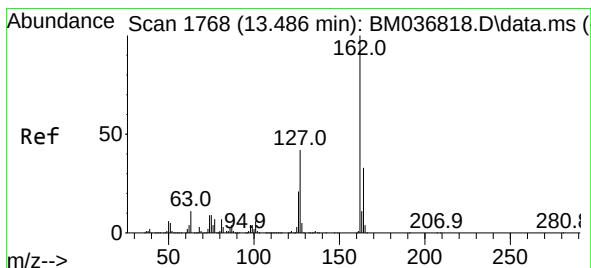
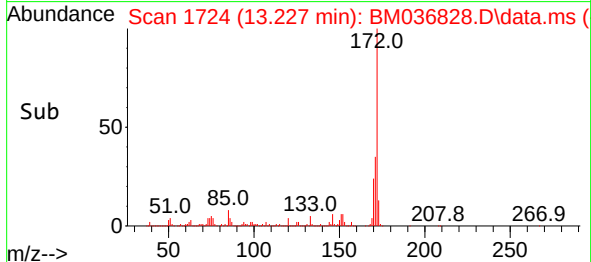
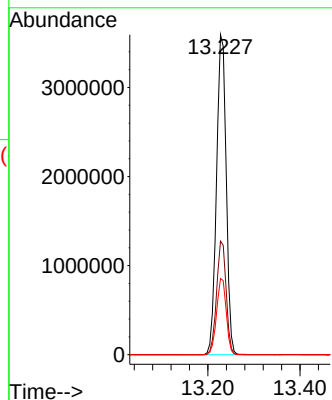
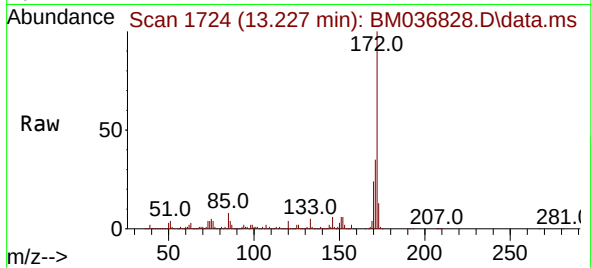




#45
2-Fluorobiphenyl
Concen: 92.188 ng
RT: 13.227 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

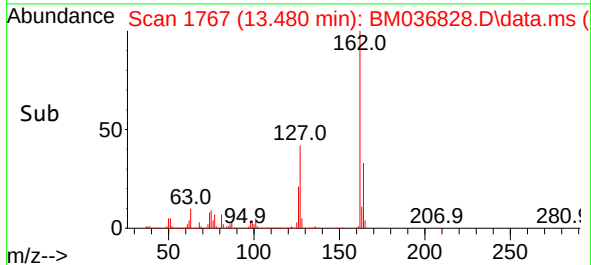
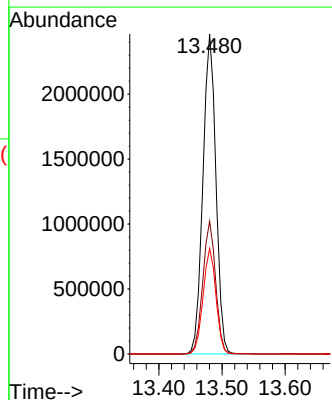
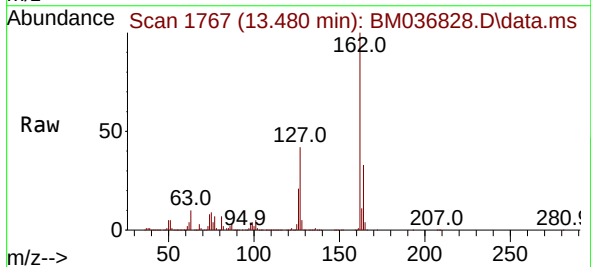
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

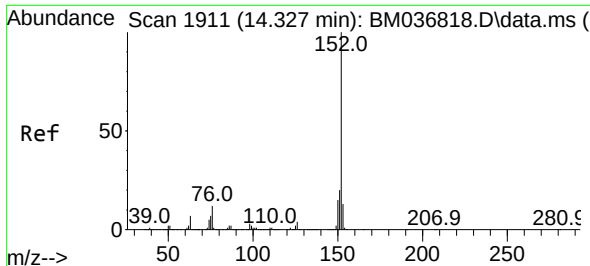
Tgt Ion:172 Resp: 5225123
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.0 28.6



#47
2-Chloronaphthalene
Concen: 71.141 ng
RT: 13.480 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:162 Resp: 3519896
Ion Ratio Lower Upper
162 100
127 41.5 33.4 50.2
164 33.0 26.2 39.2

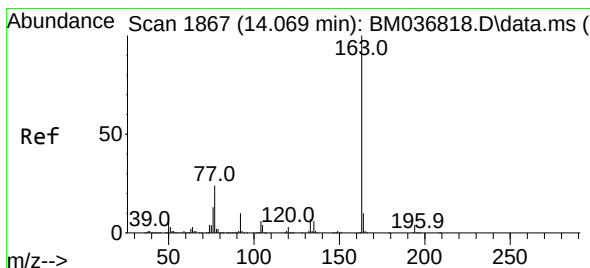
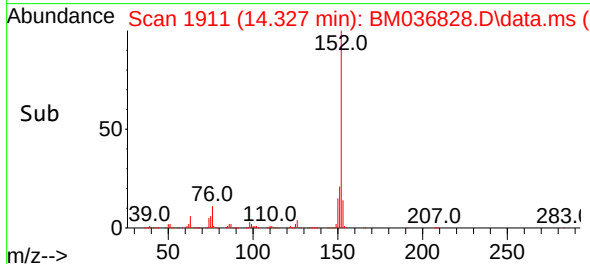
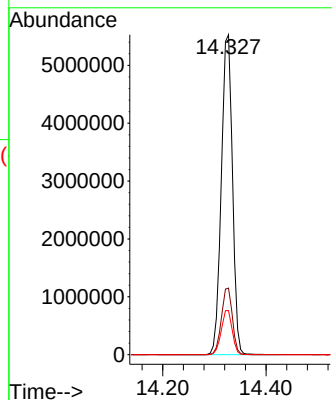
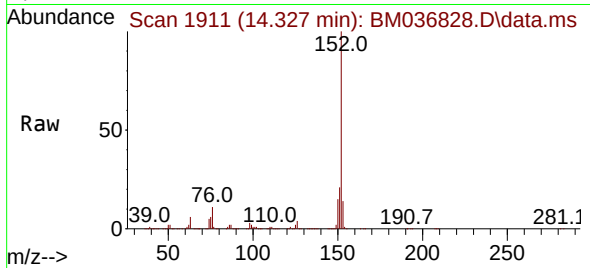




#49
Acenaphthylene
Concen: 103.147 ng
RT: 14.327 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

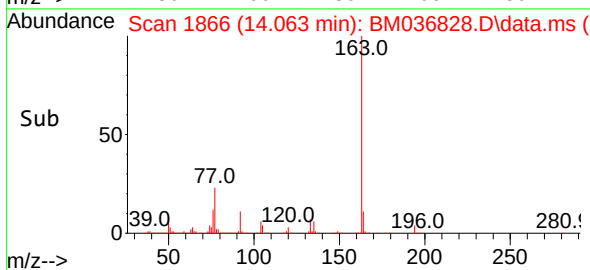
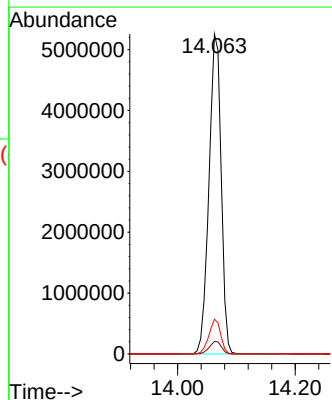
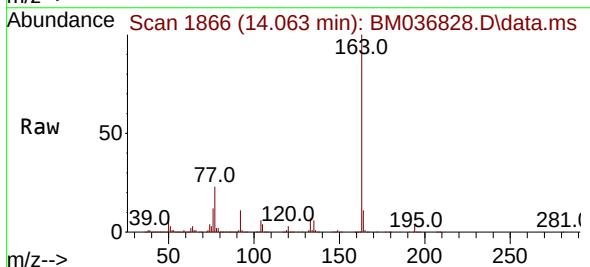
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

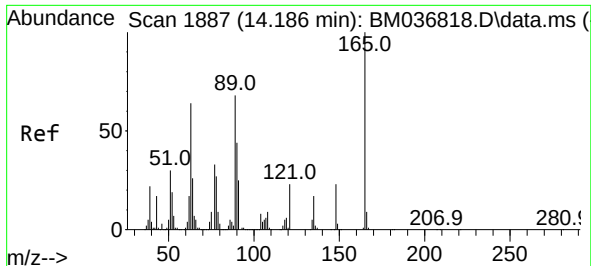
Tgt Ion:152 Resp: 8264934
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 13.8 10.5 15.7



#50
Dimethylphthalate
Concen: 122.306 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:163 Resp: 7537703
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.8 8.1 12.1

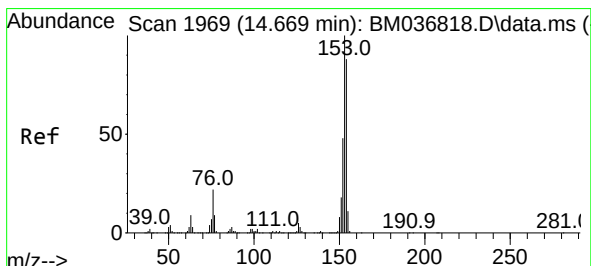
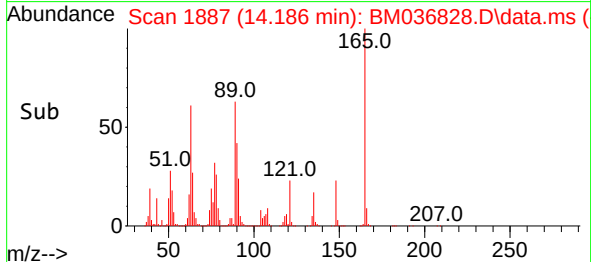
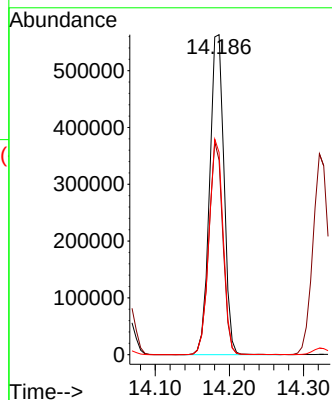
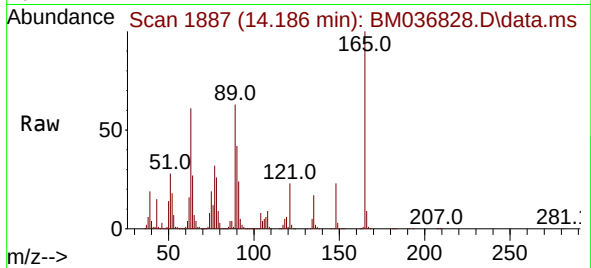




#51
2,6-Dinitrotoluene
Concen: 61.330 ng
RT: 14.186 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

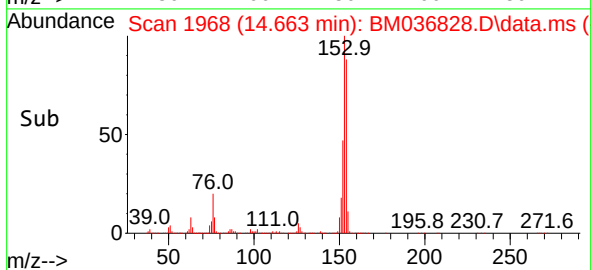
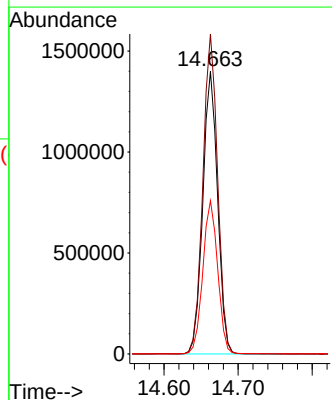
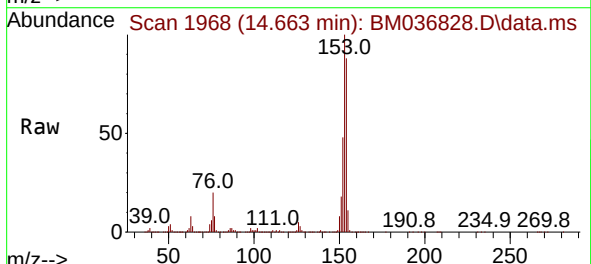
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

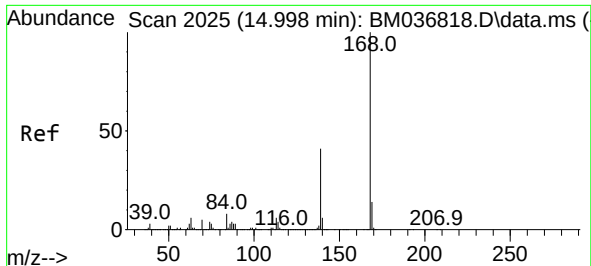
Tgt Ion:165 Resp: 755227
Ion Ratio Lower Upper
165 100
63 60.8 54.4 81.6
89 63.2 54.7 82.1



#52
Acenaphthene
Concen: 38.953 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:154 Resp: 1939605
Ion Ratio Lower Upper
154 100
153 113.2 91.4 137.0
152 54.2 44.0 66.0

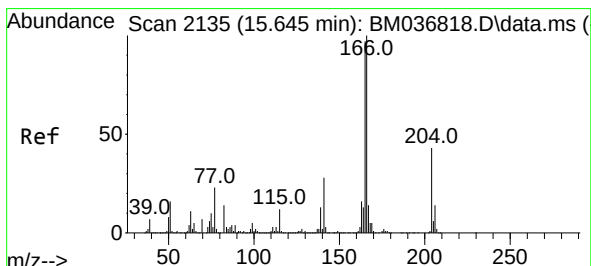
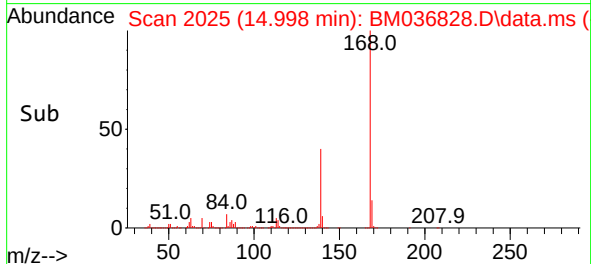
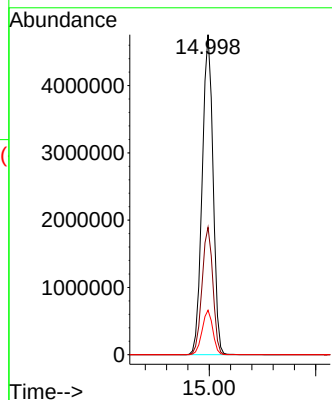
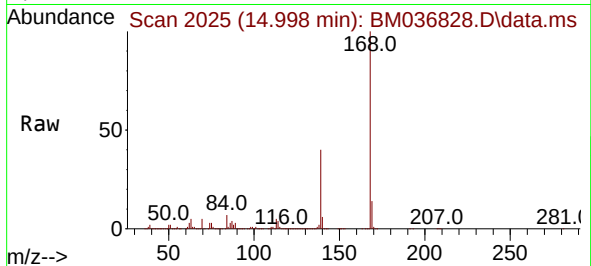




#55
Dibenzenofuran
Concen: 89.215 ng
RT: 14.998 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

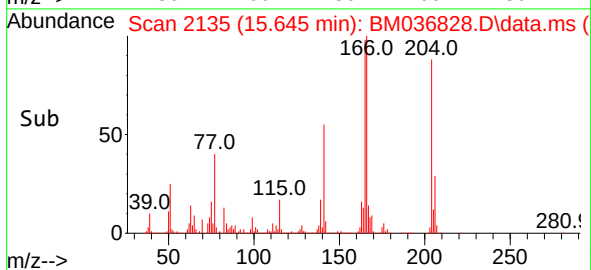
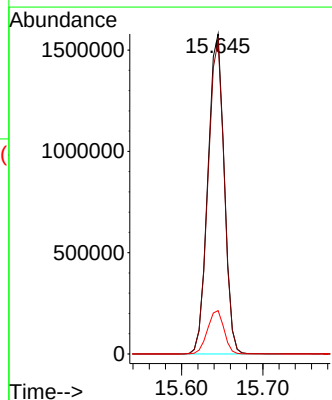
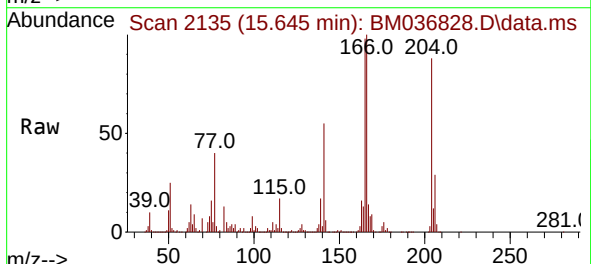
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

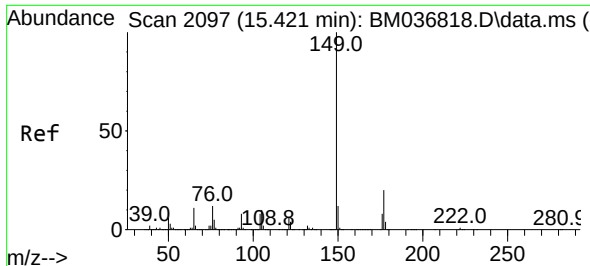
Tgt Ion:168 Resp: 6725858
Ion Ratio Lower Upper
168 100
139 39.8 32.7 49.1
169 13.9 10.8 16.2



#58
Fluorene
Concen: 35.645 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:166 Resp: 2201582
Ion Ratio Lower Upper
166 100
165 97.9 77.3 115.9
167 13.5 11.0 16.4

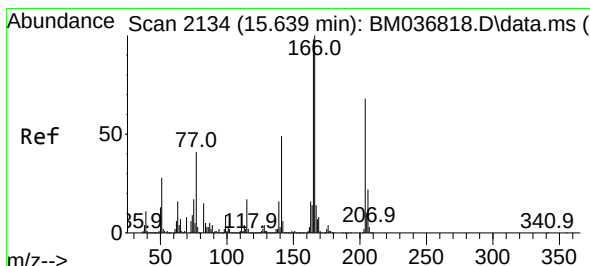
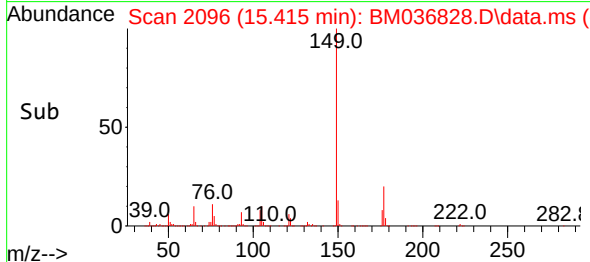
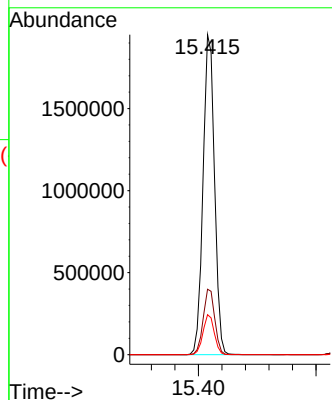
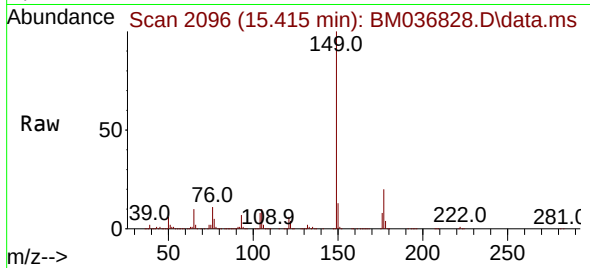




#60
Diethylphthalate
Concen: 41.272 ng
RT: 15.415 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

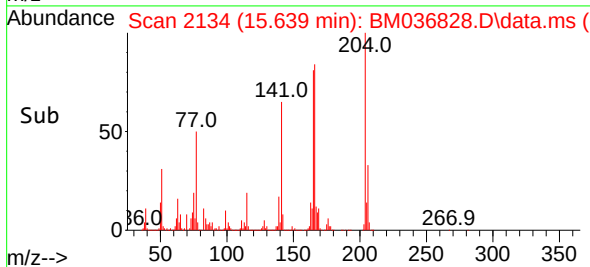
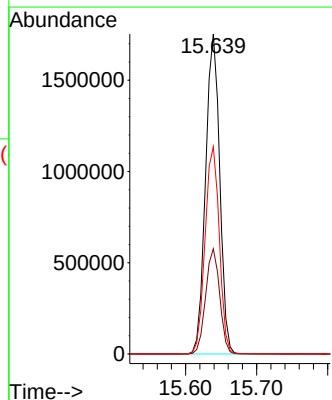
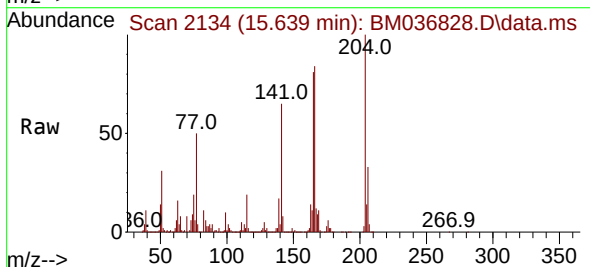
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

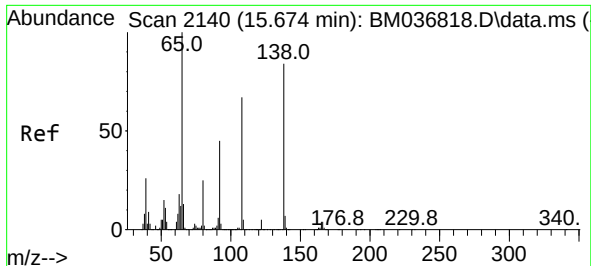
Tgt Ion:149 Resp: 2638101
Ion Ratio Lower Upper
149 100
177 20.4 16.3 24.5
150 12.5 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 90.047 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:204 Resp: 2430548
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 64.8 57.4 86.0

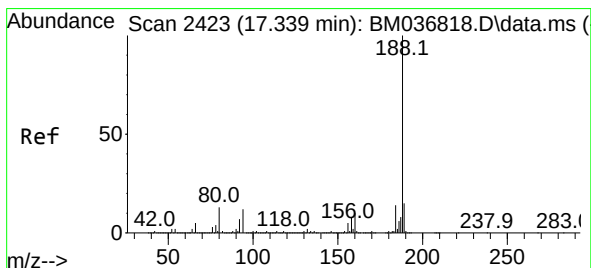
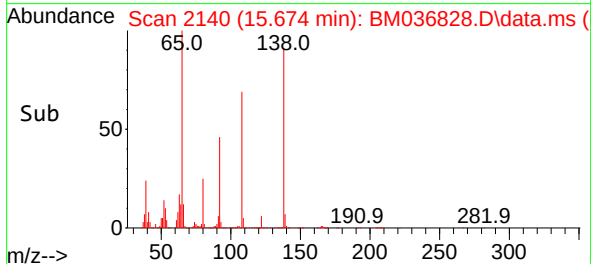
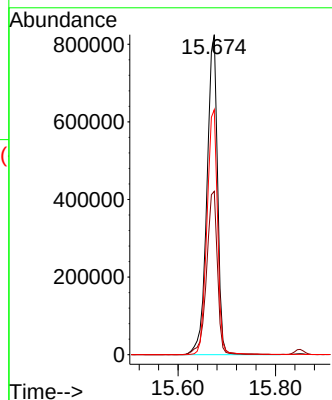
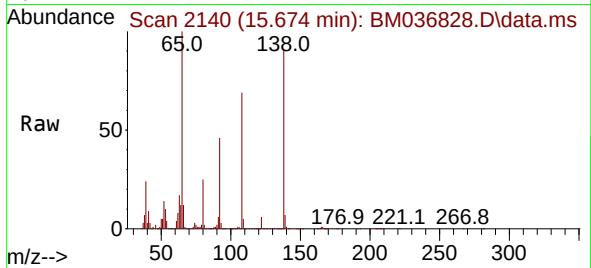




#62
4-Nitroaniline
Concen: 74.019 ng
RT: 15.674 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

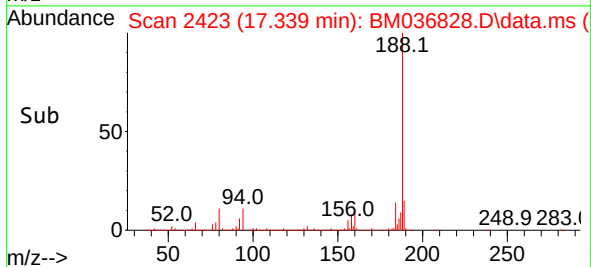
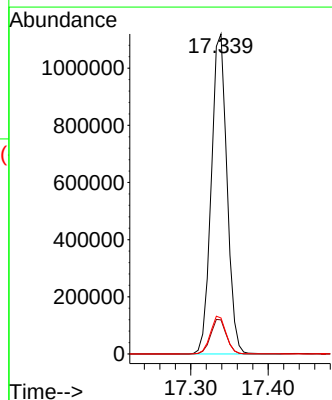
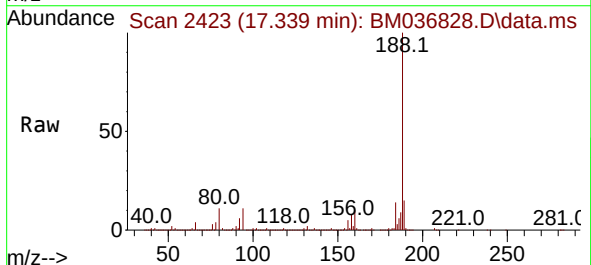
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

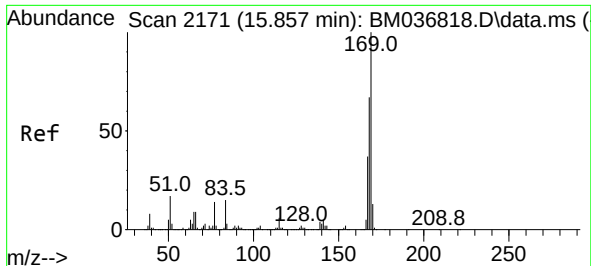
Tgt Ion:138 Resp: 1244330
Ion Ratio Lower Upper
138 100
92 51.1 34.1 74.1
108 76.5 60.3 100.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:188 Resp: 1577690
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.0
80 11.3 10.2 15.4

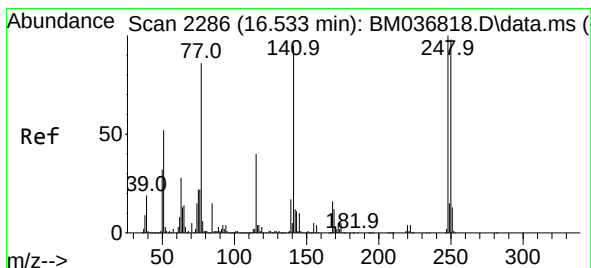
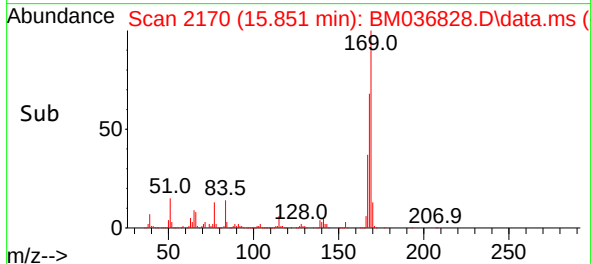
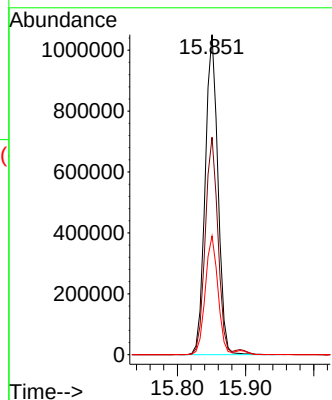
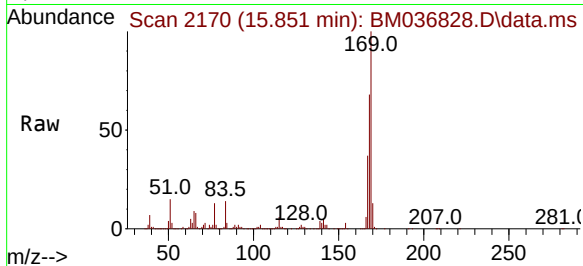




#66
 n-Nitrosodiphenylamine
 Concen: 28.052 ng
 RT: 15.851 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: BM036828.D
 Acq: 04 Oct 2022 14:43

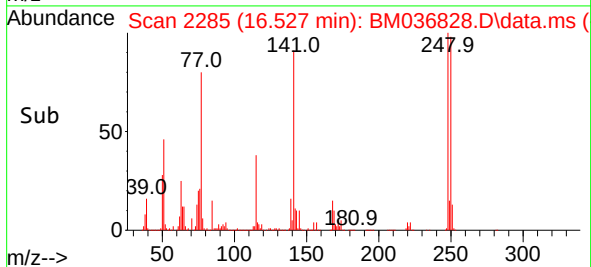
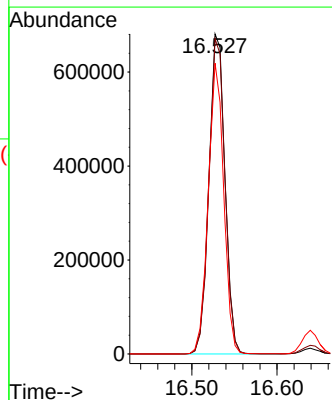
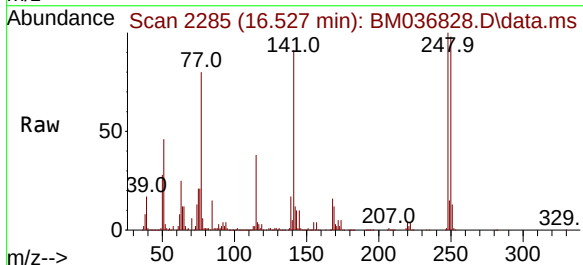
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

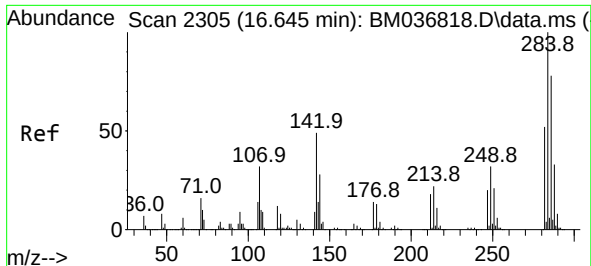
Tgt Ion:169 Resp: 1367353
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.5 80.3
 167 37.1 29.4 44.2



#67
 4-Bromophenyl-phenylether
 Concen: 61.463 ng
 RT: 16.527 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BM036828.D
 Acq: 04 Oct 2022 14:43

Tgt Ion:248 Resp: 894215
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.6 117.8
 141 90.9 75.8 113.6

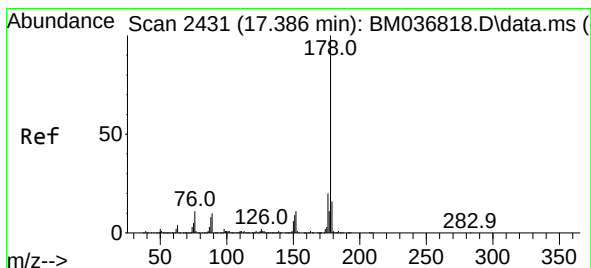
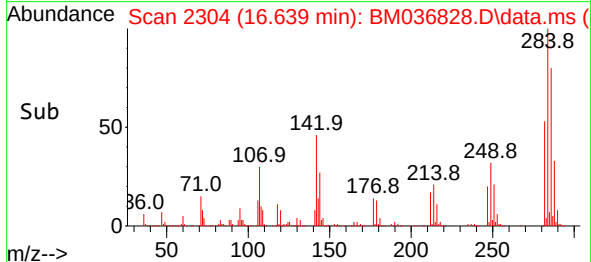
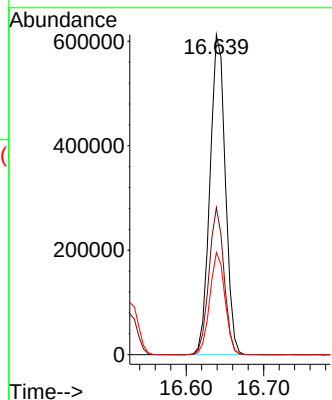
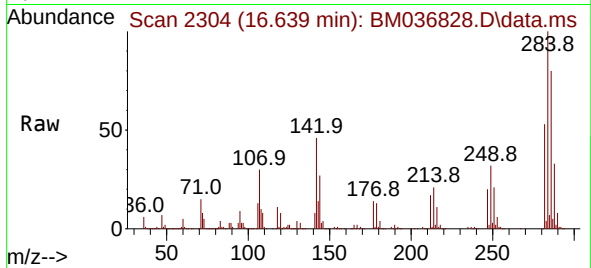




#68
Hexachlorobenzene
Concen: 52.298 ng
RT: 16.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

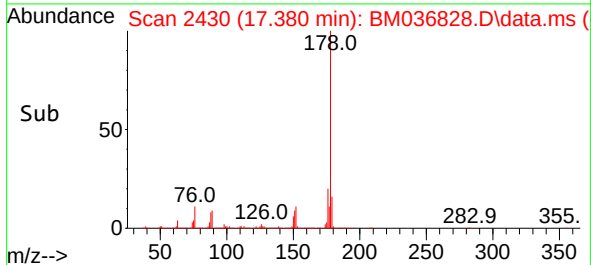
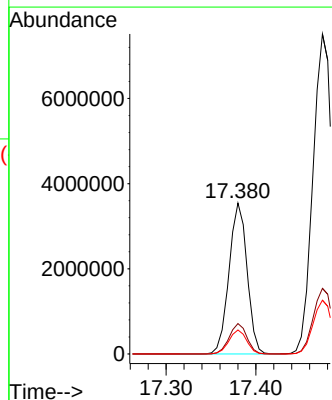
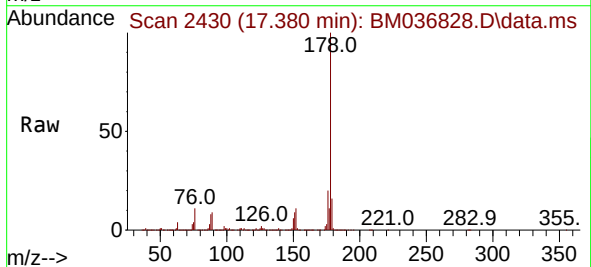
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

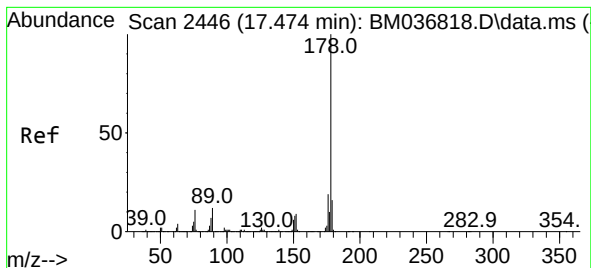
Tgt Ion:284 Resp: 842555
Ion Ratio Lower Upper
284 100
142 45.9 39.4 59.0
249 31.9 25.9 38.9



#71
Phenanthrene
Concen: 56.011 ng
RT: 17.380 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:178 Resp: 4947330
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.9 12.6 18.8





#72

Anthracene

Concen: 133.490 ng

RT: 17.474 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

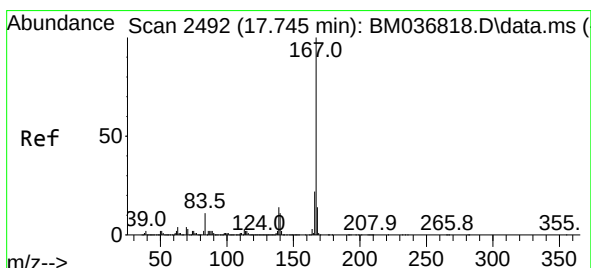
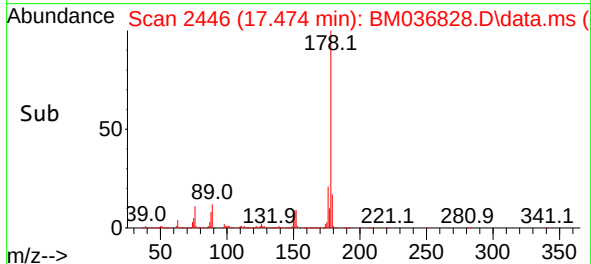
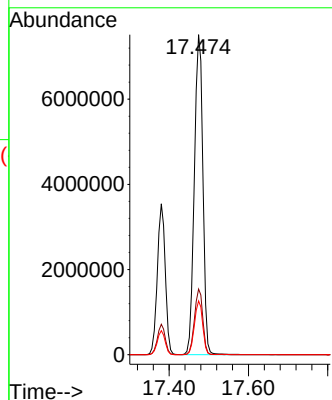
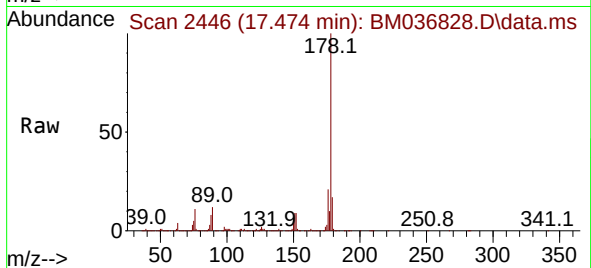
Tgt Ion:178 Resp:11243219

Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.2

179 16.8 12.5 18.7



#73

Carbazole

Concen: 78.203 ng

RT: 17.745 min Scan# 2492

Delta R.T. -0.000 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

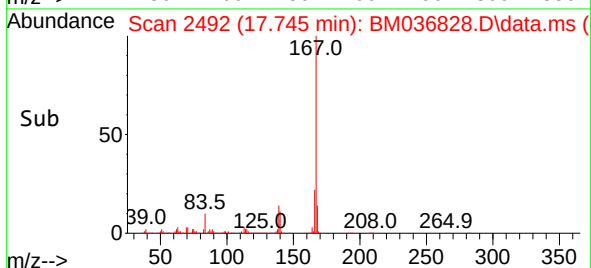
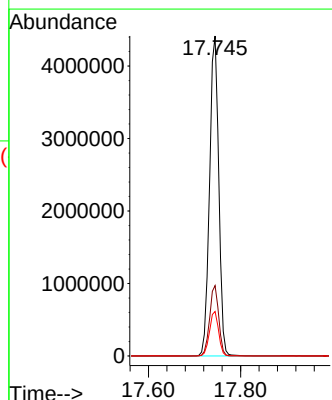
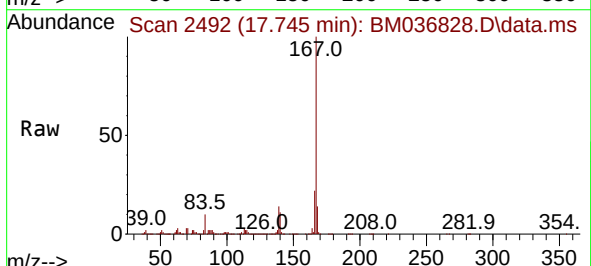
Tgt Ion:167 Resp: 6147798

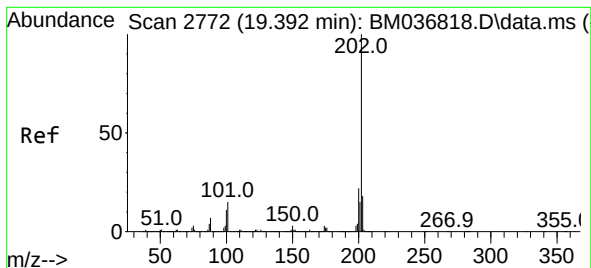
Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

139 13.9 11.4 17.2





#75

Fluoranthene

Concen: 37.880 ng

RT: 19.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

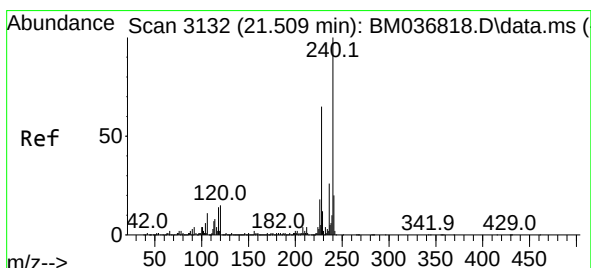
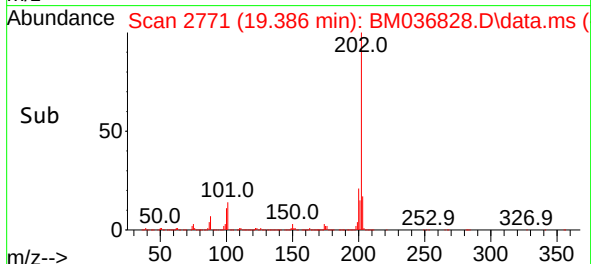
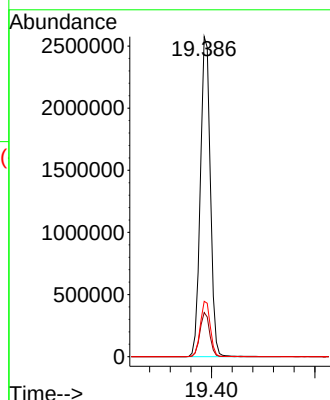
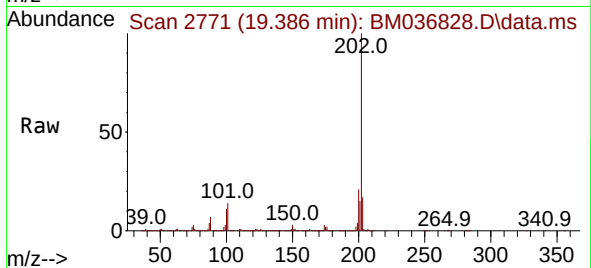
Tgt Ion:202 Resp: 3442507

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.5

203 17.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. 0.006 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

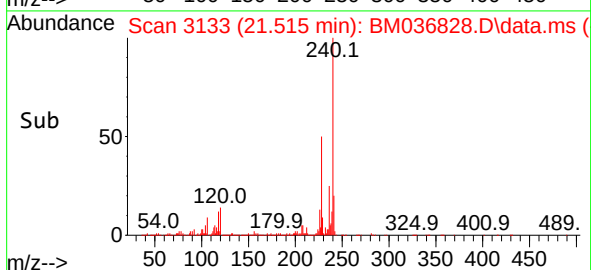
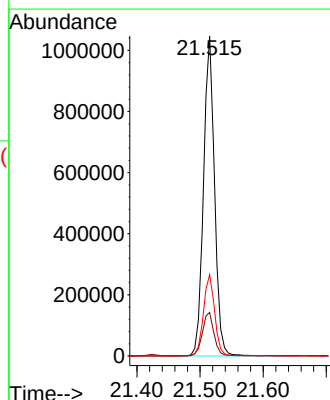
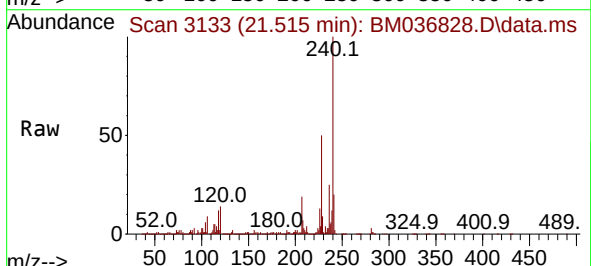
Tgt Ion:240 Resp: 1269497

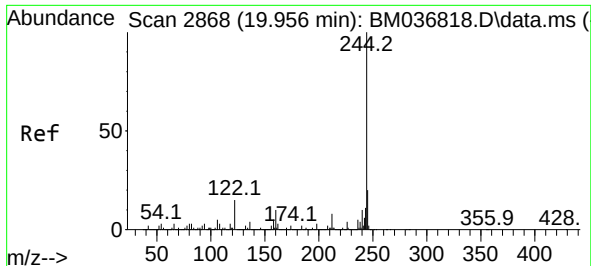
Ion Ratio Lower Upper

240 100

120 13.6 12.1 18.1

236 25.4 20.8 31.2

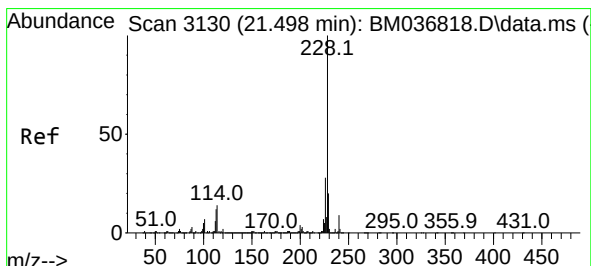
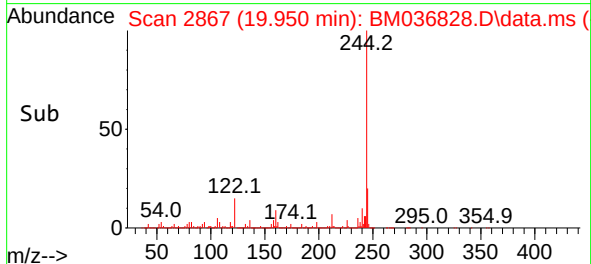
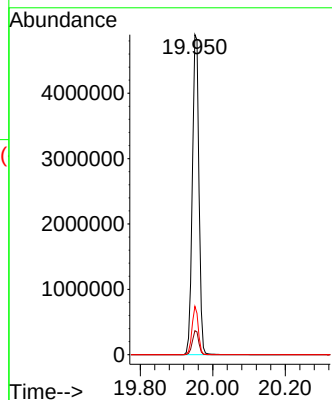
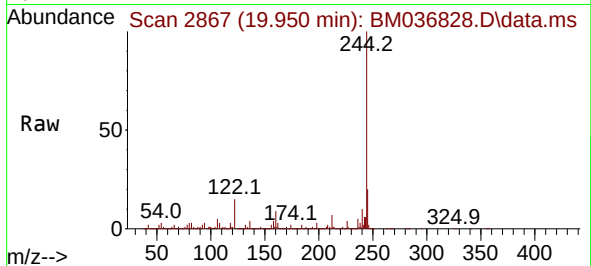




#79
 Terphenyl-d14
 Concen: 96.891 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036828.D
 Acq: 04 Oct 2022 14:43

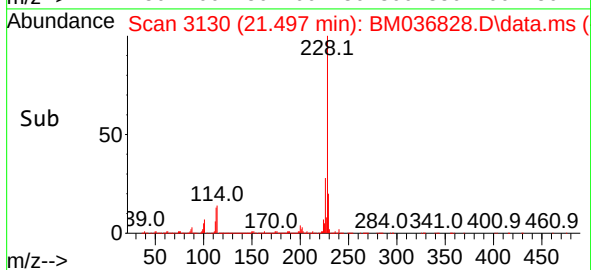
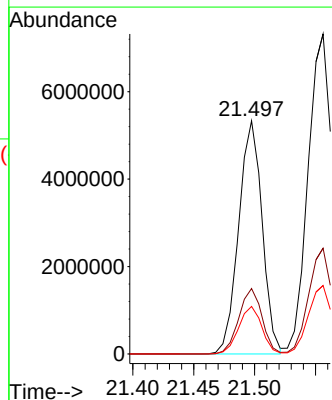
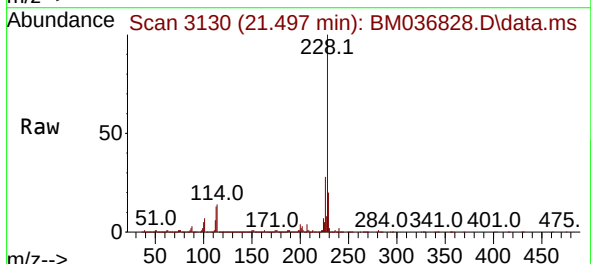
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

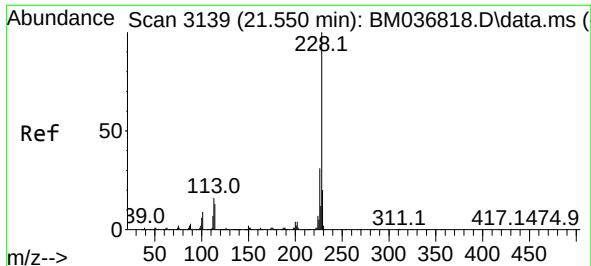
Tgt Ion:244 Resp: 6173604
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 15.1 12.0 18.0



#81
 Benzo(a)anthracene
 Concen: 86.662 ng
 RT: 21.497 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: BM036828.D
 Acq: 04 Oct 2022 14:43

Tgt Ion:228 Resp: 7145801
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.2 33.2
 229 20.4 15.9 23.9

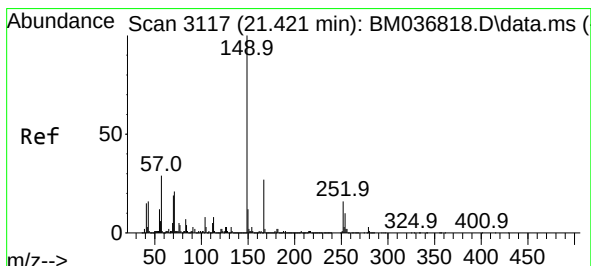
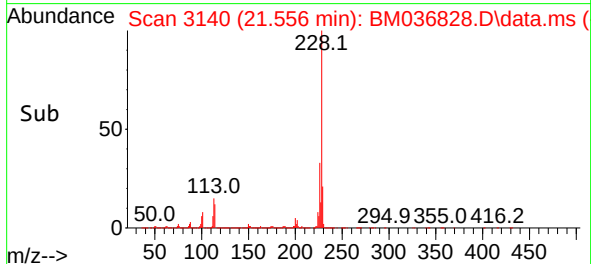
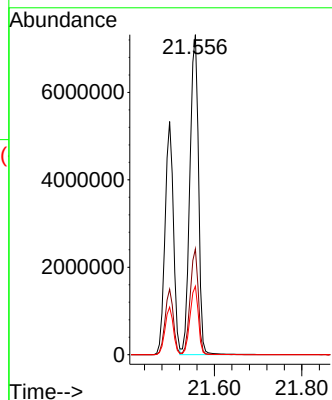
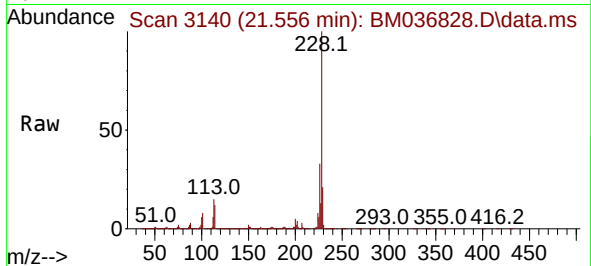




#83
Chrysene
Concen: 125.826 ng
RT: 21.556 min Scan# 3139
Delta R.T. 0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

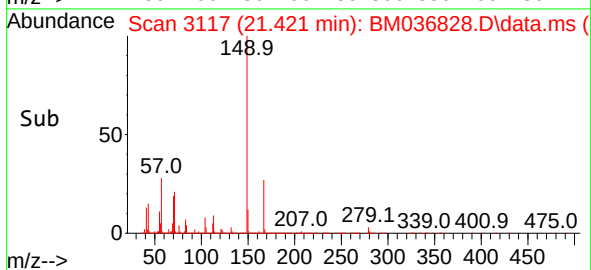
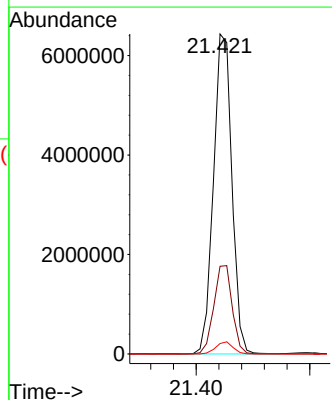
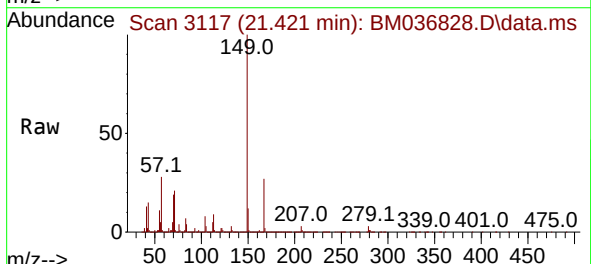
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

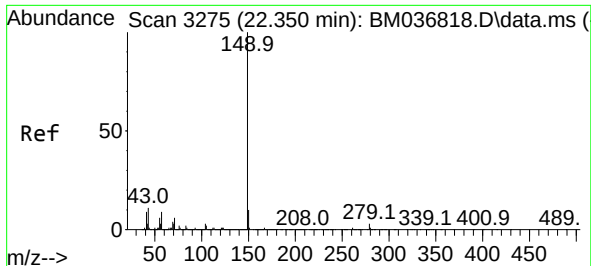
Tgt Ion:228 Resp: 9993128
Ion Ratio Lower Upper
228 100
226 33.0 24.6 36.8
229 21.4 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 108.745 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:149 Resp: 7239612
Ion Ratio Lower Upper
149 100
167 27.4 21.3 31.9
279 3.3 2.4 3.6

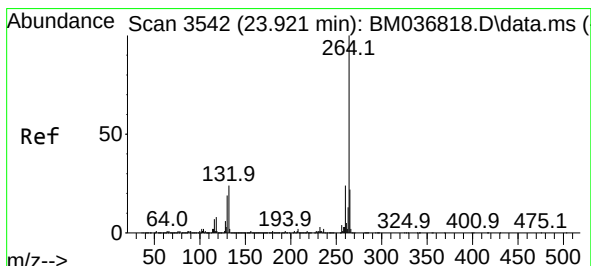
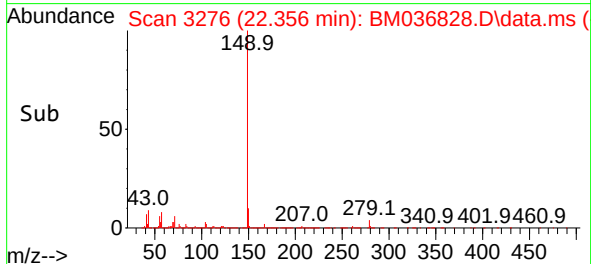
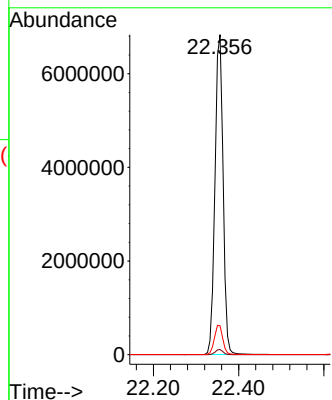
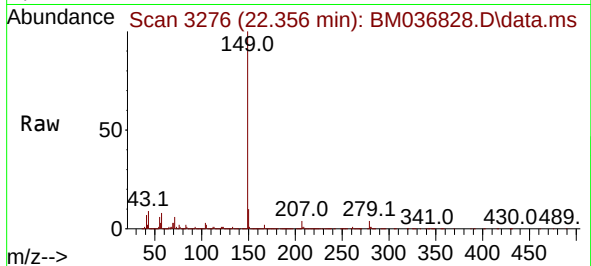




#85
Di-n-octyl phthalate
Concen: 85.909 ng
RT: 22.356 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

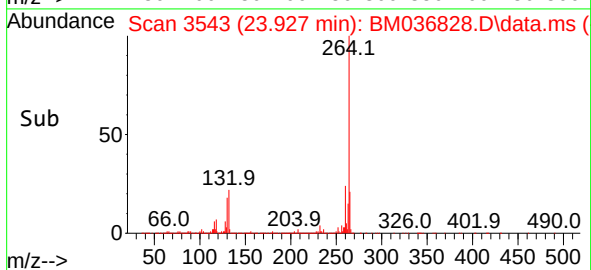
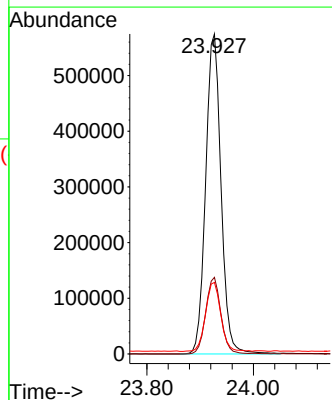
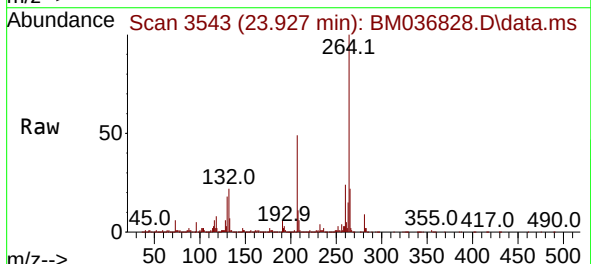
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

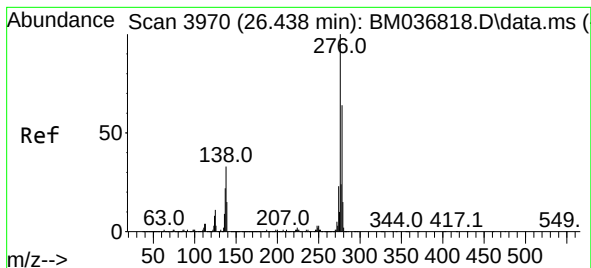
Tgt Ion:149 Resp: 9015201
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BM036828.D
Acq: 04 Oct 2022 14:43

Tgt Ion:264 Resp: 1149094
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 22.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 114.404 ng

RT: 26.456 min Scan# 3973

Delta R.T. 0.018 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

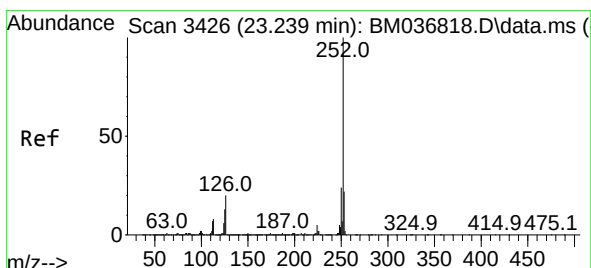
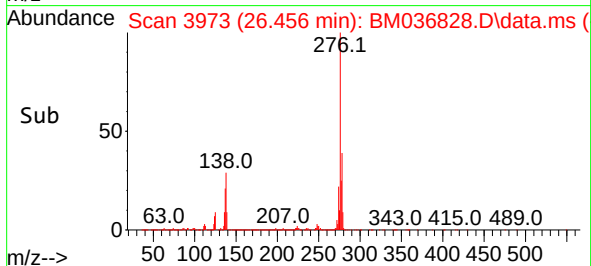
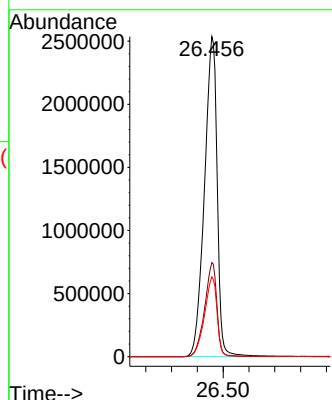
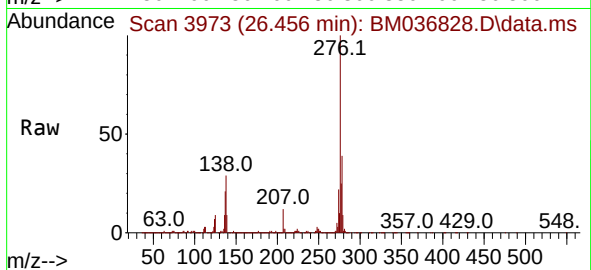
Tgt Ion:276 Resp: 8681663

Ion Ratio Lower Upper

276 100

138 28.3 27.5 41.3

277 24.5 20.1 30.1



#89

Benzo(k)fluoranthene

Concen: 145.052 ng

RT: 23.250 min Scan# 3428

Delta R.T. 0.012 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

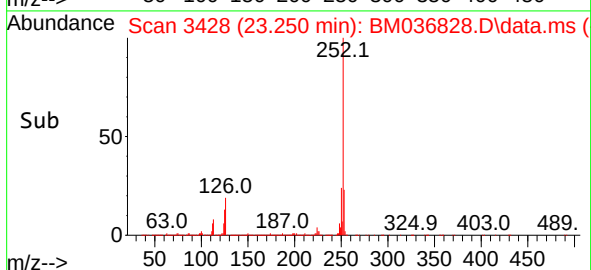
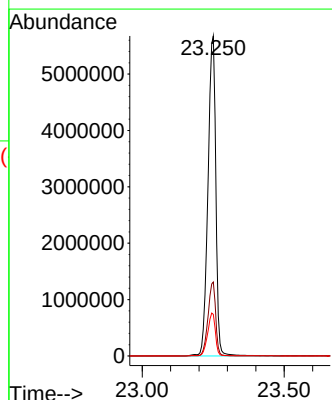
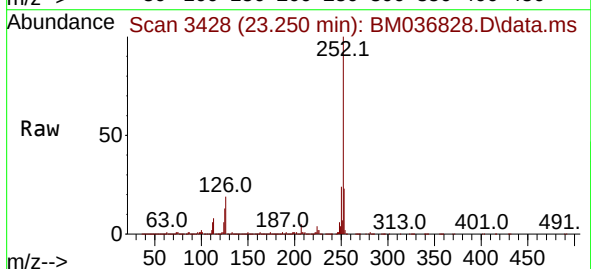
Tgt Ion:252 Resp:10867764

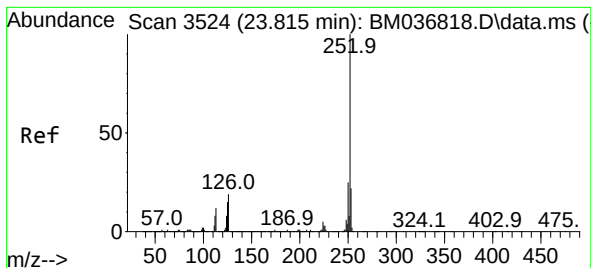
Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 13.0 10.9 16.3





#90

Benzo(a)pyrene

Concen: 120.045 ng

RT: 23.827 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

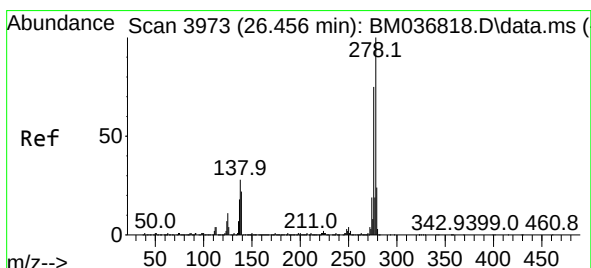
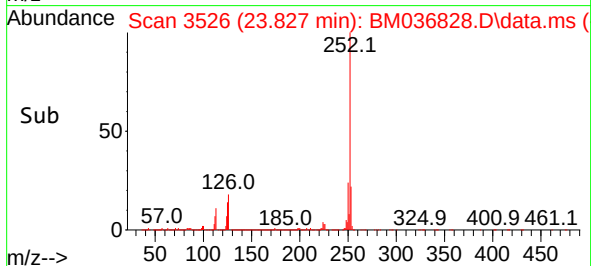
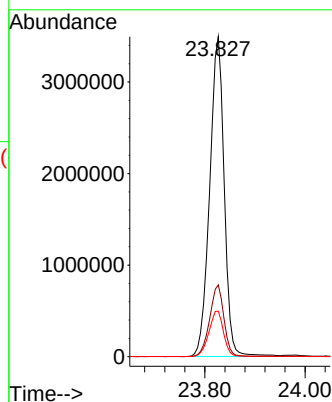
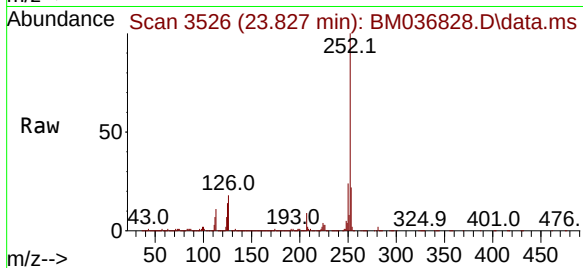
Tgt Ion:252 Resp: 7030252

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 14.2 12.5 18.7



#91

Dibenzo(a,h)anthracene

Concen: 44.616 ng

RT: 26.468 min Scan# 3975

Delta R.T. 0.012 min

Lab File: BM036828.D

Acq: 04 Oct 2022 14:43

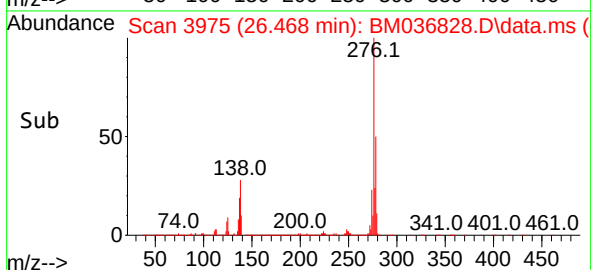
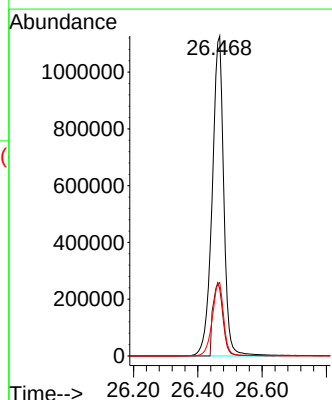
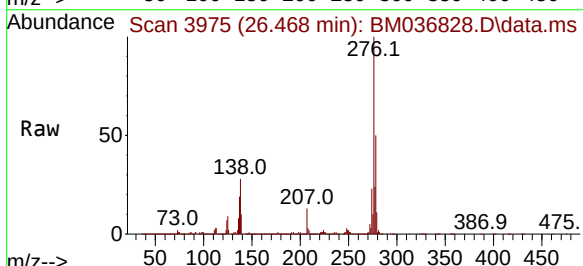
Tgt Ion:278 Resp: 2820496

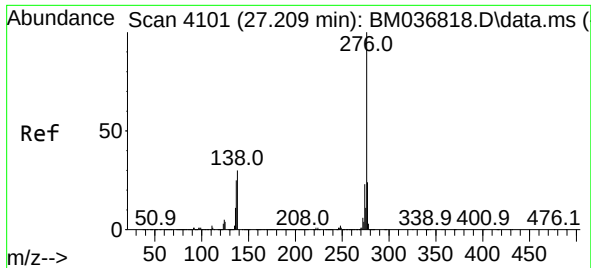
Ion Ratio Lower Upper

278 100

139 21.0 17.4 26.2

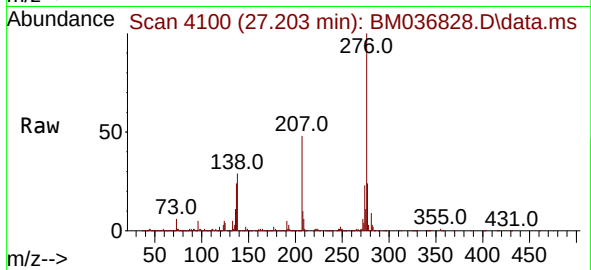
279 23.0 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 31.316 ng
 RT: 27.203 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BM036828.D
 Acq: 04 Oct 2022 14:43

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP



Tgt Ion:276 Resp: 1922065
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.0 28.4
 138 28.5 23.6 35.4

