

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040324\
 Data File : BM044893.D
 Acq On : 03 Apr 2024 15:03
 Operator : MA/JU
 Sample : P1908-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Apr 03 15:46:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 00:28:57 2024
 Response via : Initial Calibration

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

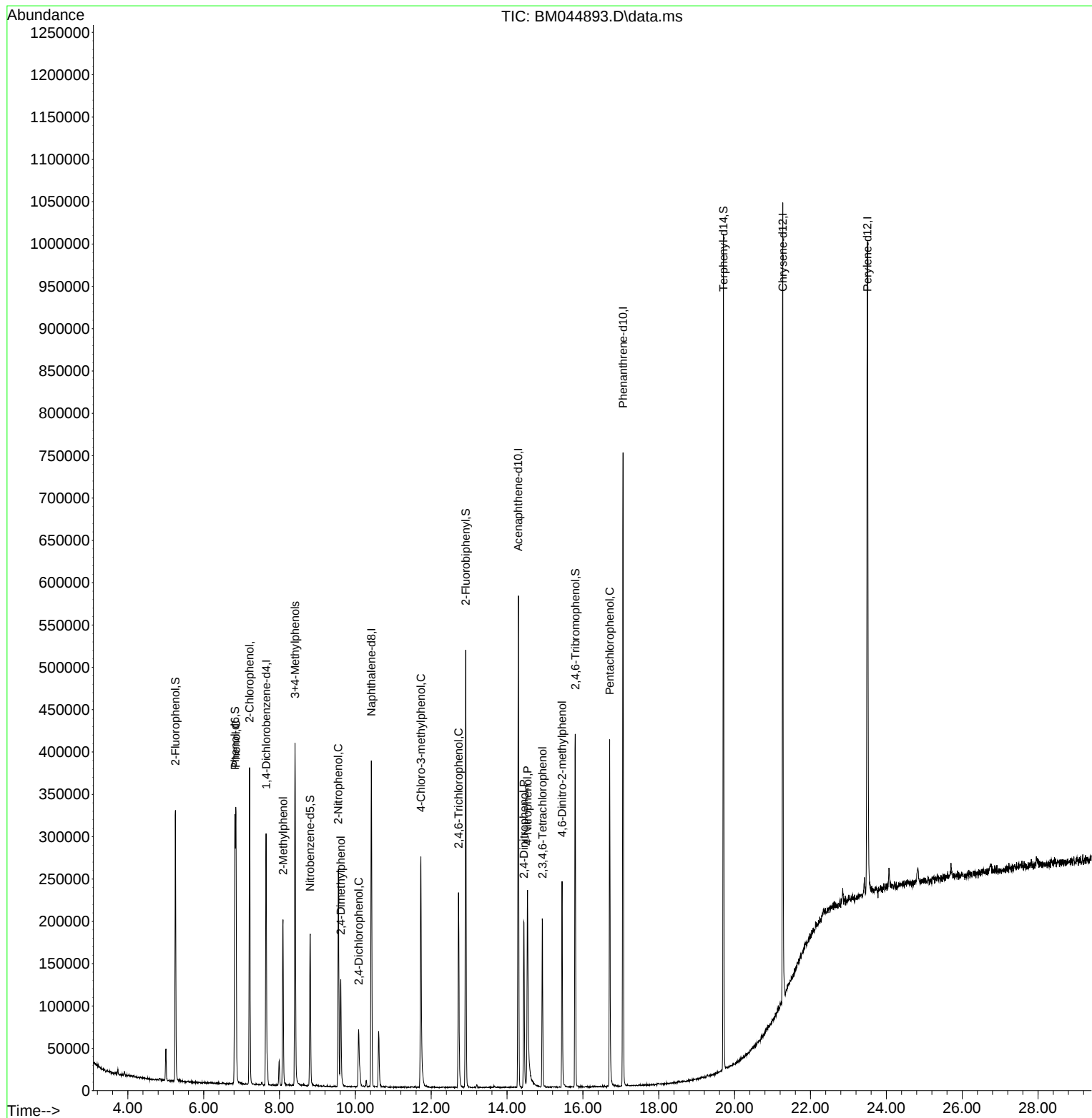
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	78837	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	315273	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	201881	20.000	ng	0.00
64) Phenanthrene-d10	17.057	188	433973	20.000	ng	0.00
76) Chrysene-d12	21.268	240	442414	20.000	ng	0.00
86) Perylene-d12	23.503	264	586953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	143487	27.479	ng	0.00
7) Phenol-d6	6.822	99	178694	25.924	ng	-0.01
23) Nitrobenzene-d5	8.804	82	108982	17.024	ng	-0.01
42) 2,4,6-Tribromophenol	15.798	330	74337	25.198	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	261868	17.593	ng	0.00
79) Terphenyl-d14	19.703	244	456766	17.641	ng	0.00
Target Compounds						
						Qvalue
8) 2-Chlorophenol	7.210	128	166385	29.839	ng	98
10) Phenol	6.851	94	174643	25.687	ng	98
17) 2-Methylphenol	8.092	107	59489	12.019	ng	100
20) 3+4-Methylphenols	8.410	107	192845	28.034	ng	91
26) 2-Nitrophenol	9.551	139	84232	29.370	ng	98
27) 2,4-Dimethylphenol	9.616	122	39625	8.266	ng	96
29) 2,4-Dichlorophenol	10.086	162	34513	7.074	ng	98
36) 4-Chloro-3-methylphenol	11.727	107	108378	20.505	ng	96
43) 2,4,6-Trichlorophenol	12.722	196	61231	15.608	ng	95
54) 2,4-Dinitrophenol	14.445	184	44389	23.572	ng	96
56) 4-Nitrophenol	14.539	139	84241	27.724	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.933	232	37807	9.676	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	50325	18.303	ng	97
70) Pentachlorophenol	16.704	266	76532	19.679	ng	96

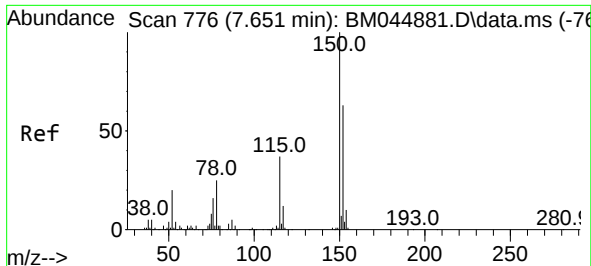
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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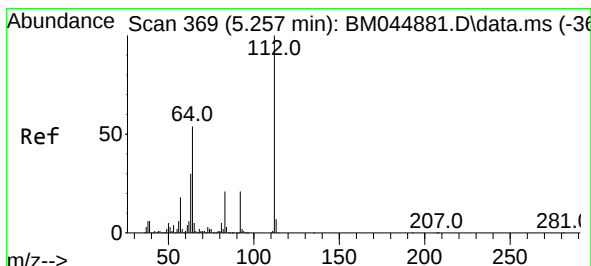
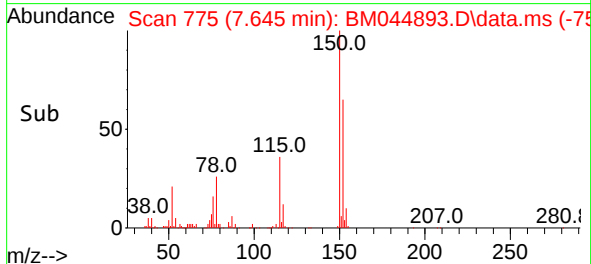
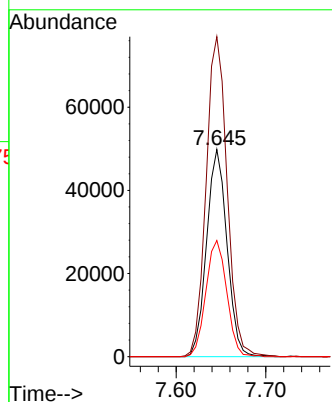
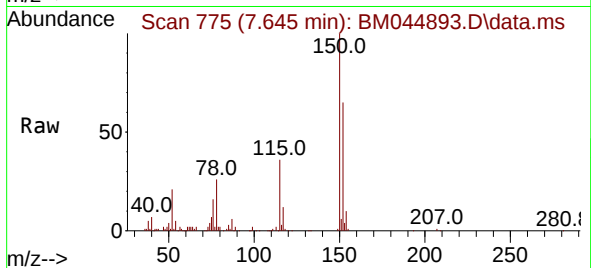




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.645 min Scan# 776
Delta R.T. -0.006 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

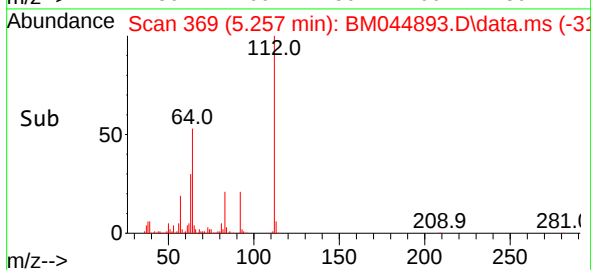
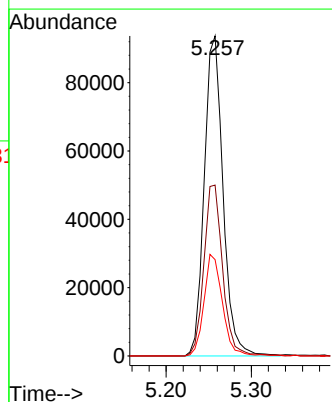
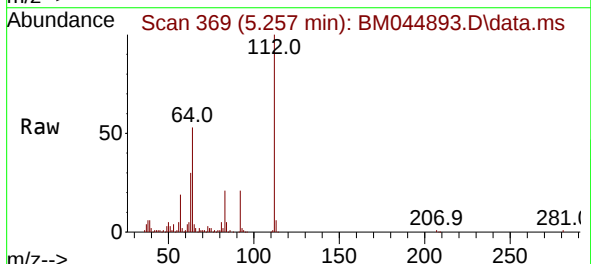
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

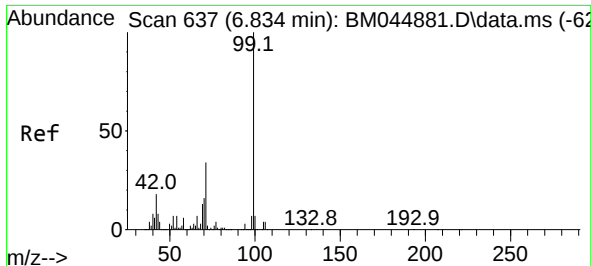
Tgt Ion:152 Resp: 78837
Ion Ratio Lower Upper
152 100
150 154.4 126.5 189.7
115 56.1 47.3 70.9



#5
2-Fluorophenol
Concen: 27.479 ng
RT: 5.257 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

Tgt Ion:112 Resp: 143487
Ion Ratio Lower Upper
112 100
64 53.4 43.0 64.4
63 30.1 24.3 36.5

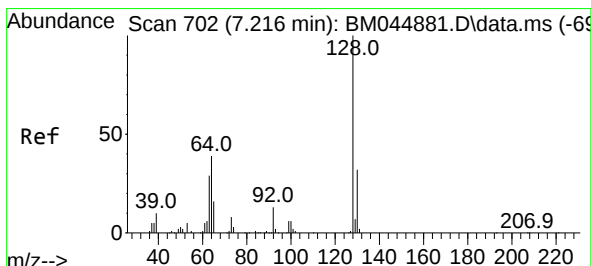
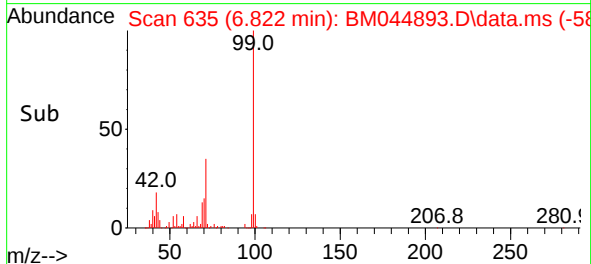
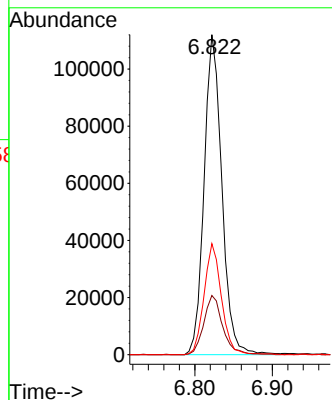
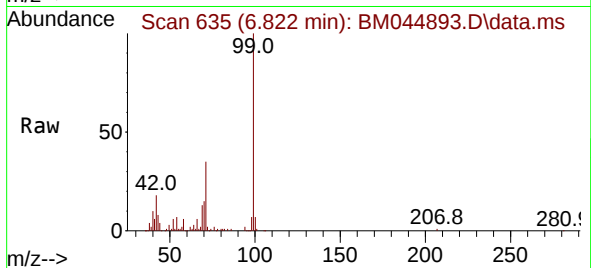




#7
Phenol-d6
Concen: 25.924 ng
RT: 6.822 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

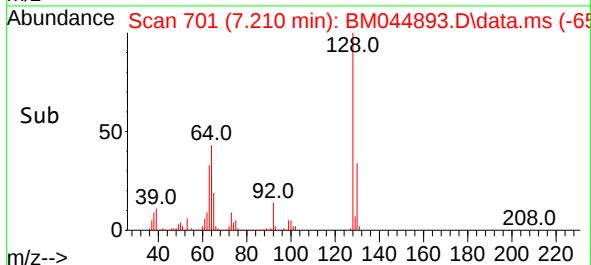
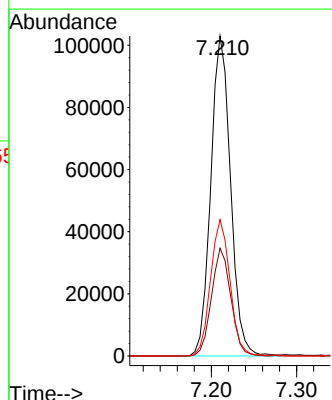
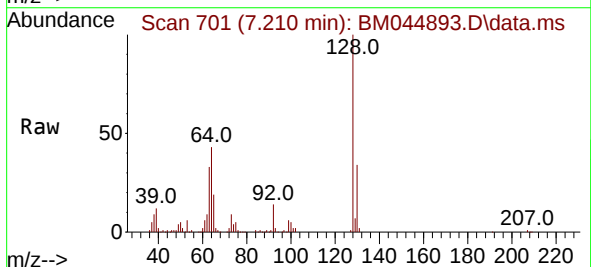
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

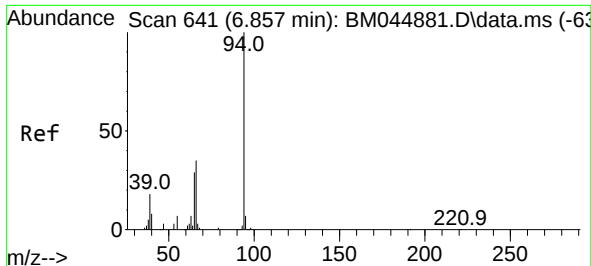
Tgt Ion: 99 Resp: 178694
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 34.7 27.5 41.3



#8
2-Chlorophenol
Concen: 29.839 ng
RT: 7.210 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

Tgt Ion: 128 Resp: 166385
Ion Ratio Lower Upper
128 100
130 33.7 11.9 51.9
64 42.6 22.9 62.9

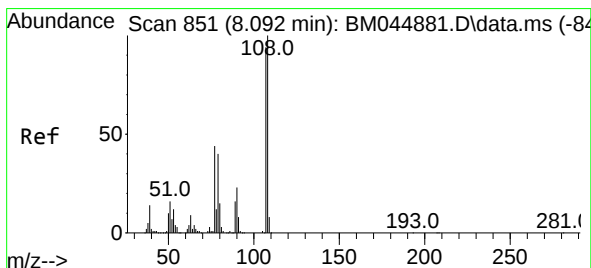
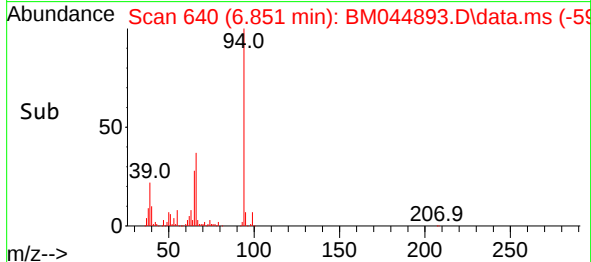
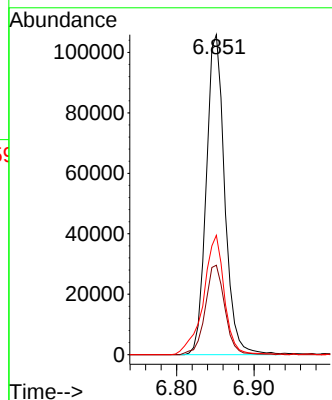
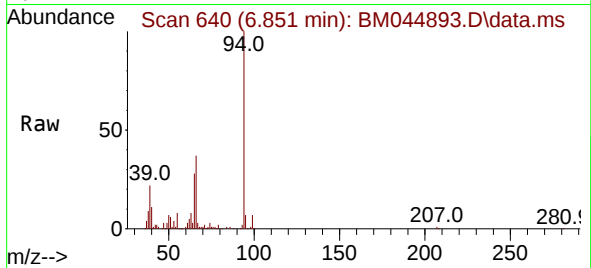




#10
Phenol
Concen: 25.687 ng
RT: 6.851 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

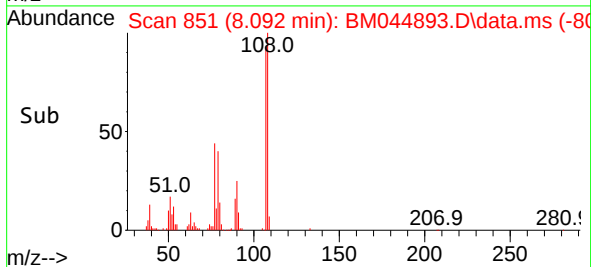
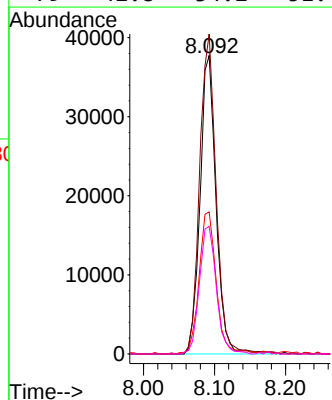
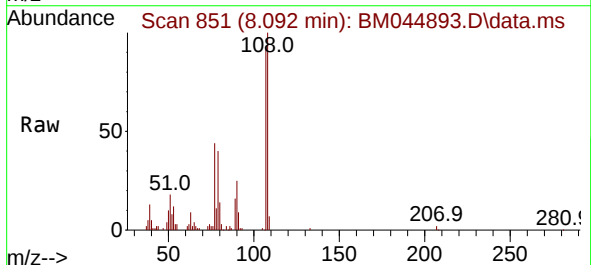
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

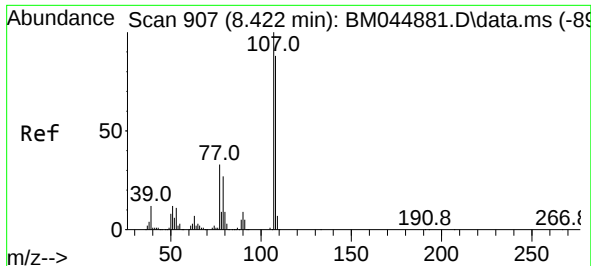
Tgt Ion: 94 Resp: 174643
Ion Ratio Lower Upper
94 100
65 27.9 9.2 49.2
66 37.3 16.4 56.4



#17
2-Methylphenol
Concen: 12.019 ng
RT: 8.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

Tgt Ion: 107 Resp: 59489
Ion Ratio Lower Upper
107 100
108 107.3 85.5 128.3
77 47.6 38.2 57.4
79 42.8 34.2 51.4

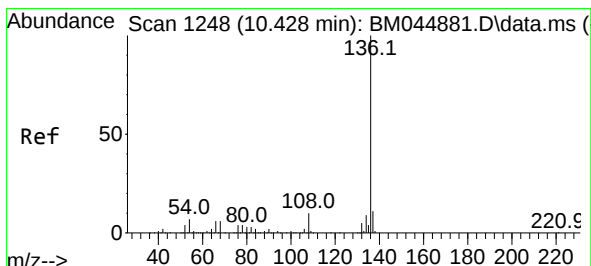
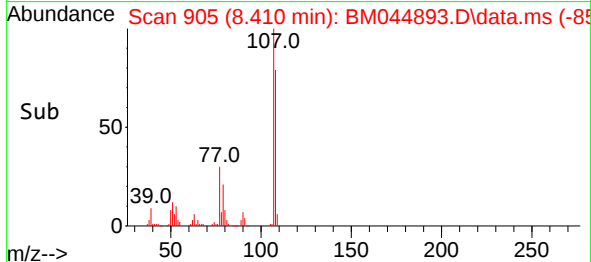
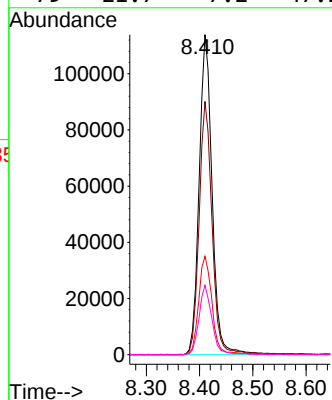
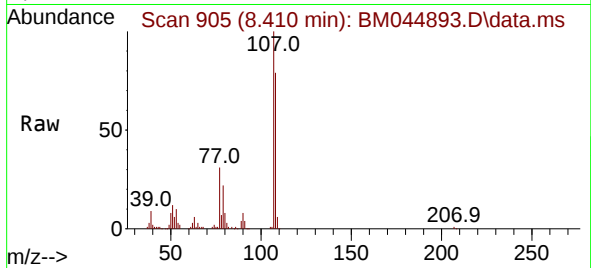




#20
3+4-Methylphenols
Concen: 28.034 ng
RT: 8.410 min Scan# 907
Delta R.T. -0.012 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

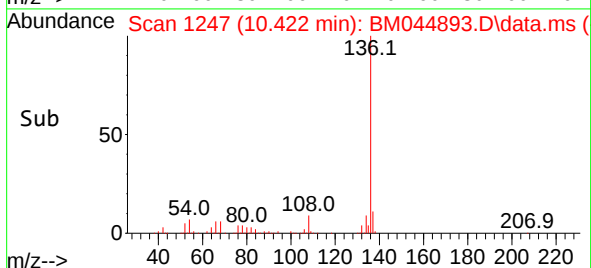
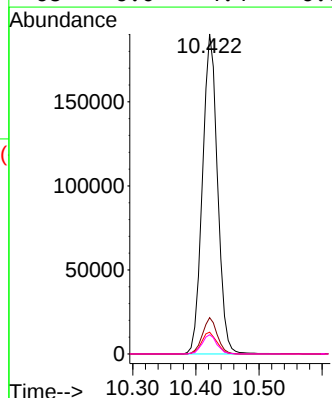
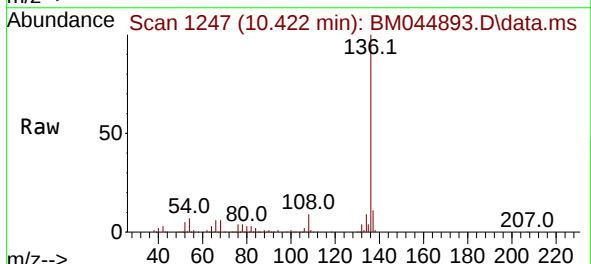
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

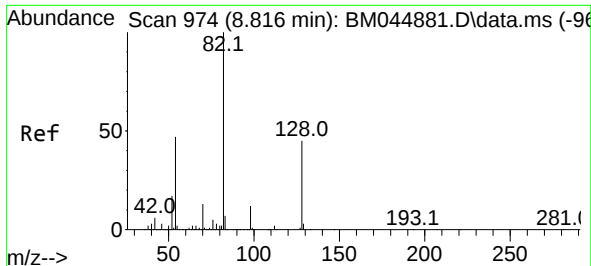
Tgt Ion:107	Resp: 192845
Ion Ratio	Lower Upper
107 100	
108 79.1	68.1 108.1
77 30.7	13.3 53.3
79 21.7	7.2 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

Tgt	Ion:136	Resp:	315273
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.8	5.9	8.9
68	6.0	4.4	6.6

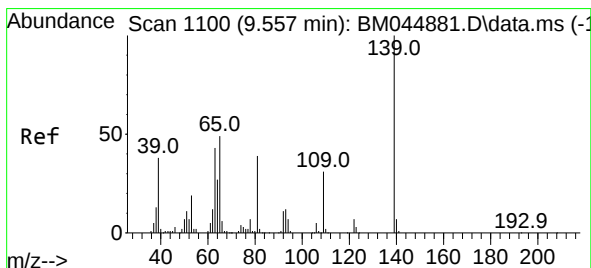
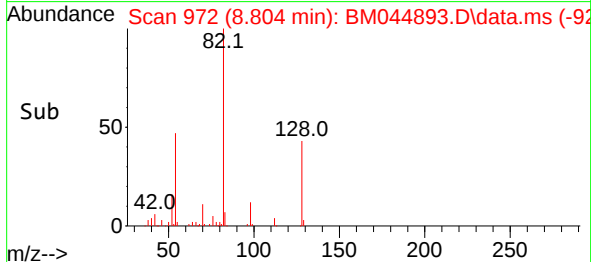
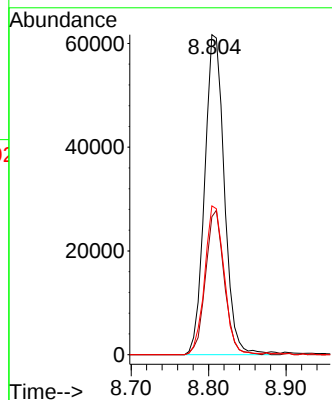
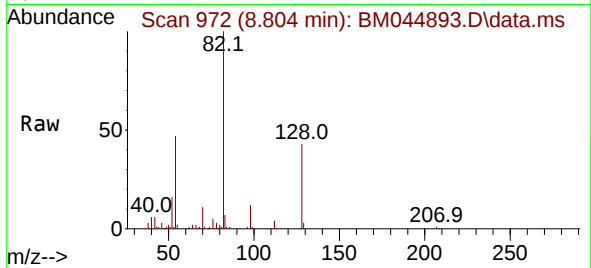




#23
Nitrobenzene-d5
Concen: 17.024 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

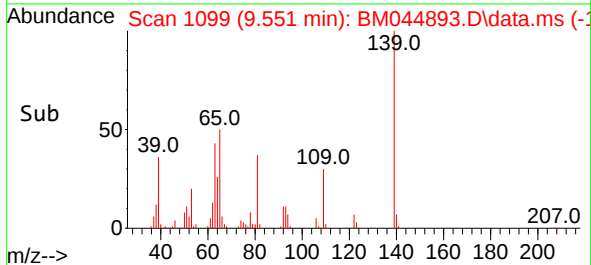
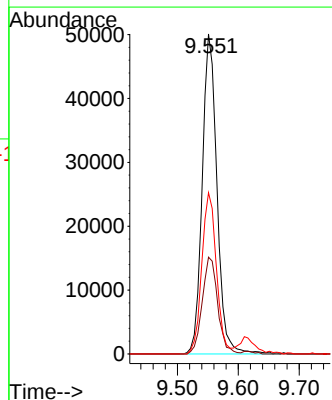
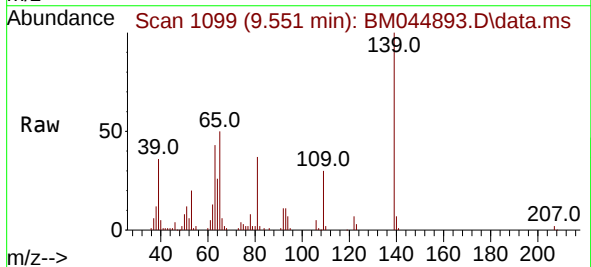
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

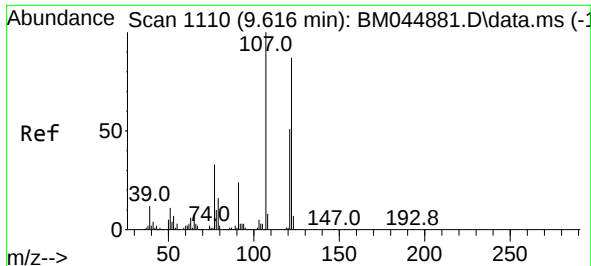
Tgt Ion: 82 Resp: 108982
Ion Ratio Lower Upper
82 100
128 43.1 36.2 54.4
54 46.5 37.5 56.3



#26
2-Nitrophenol
Concen: 29.370 ng
RT: 9.551 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

Tgt Ion: 139 Resp: 84232
Ion Ratio Lower Upper
139 100
109 30.2 25.1 37.7
65 50.4 39.6 59.4

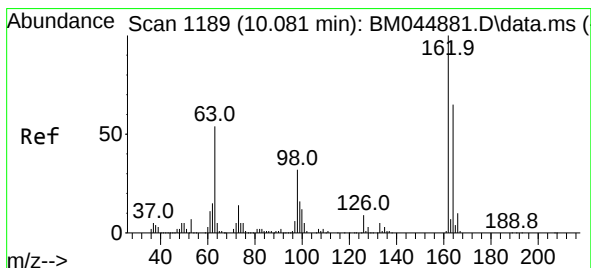
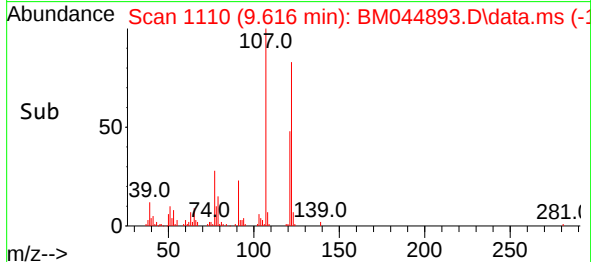
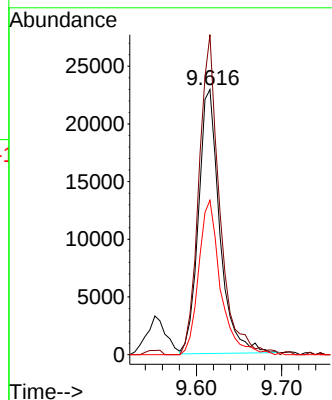
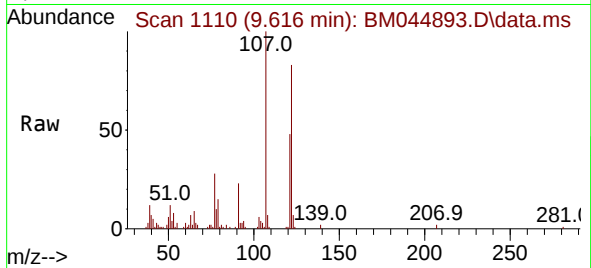




#27
2,4-Dimethylphenol
Concen: 8.266 ng
RT: 9.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

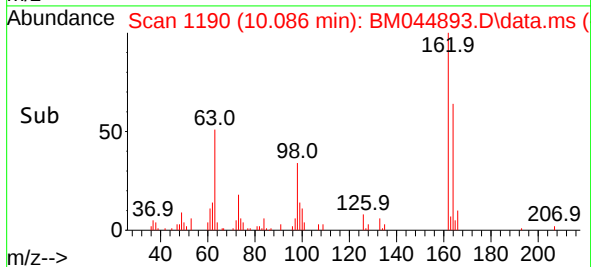
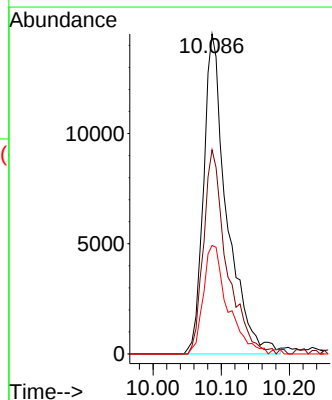
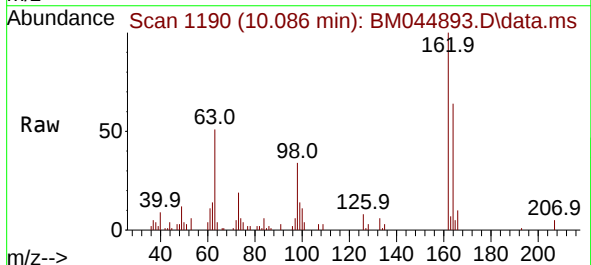
Instrument :
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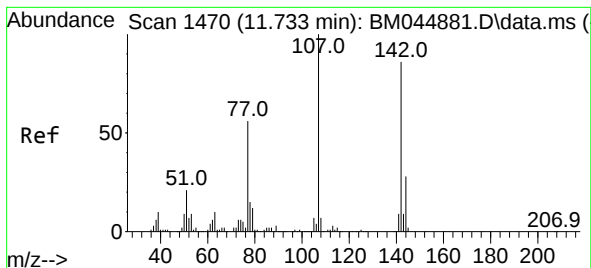
Tgt Ion:122 Resp: 39625
Ion Ratio Lower Upper
122 100
107 120.7 91.5 137.3
121 58.2 46.9 70.3



#29
2,4-Dichlorophenol
Concen: 7.074 ng
RT: 10.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

Tgt Ion:162 Resp: 34513
Ion Ratio Lower Upper
162 100
164 63.8 44.8 84.8
98 33.9 12.0 52.0

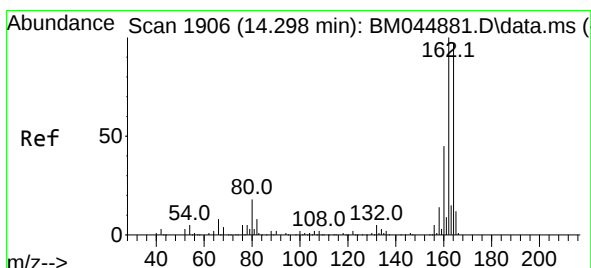
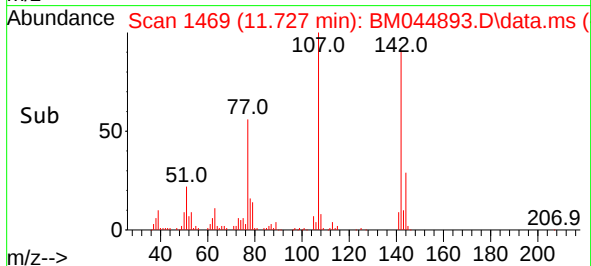
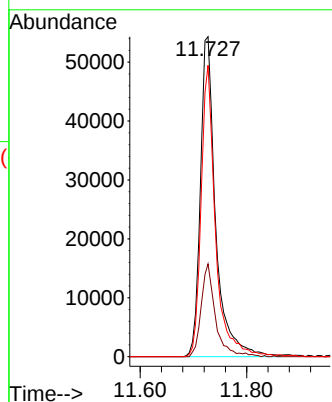
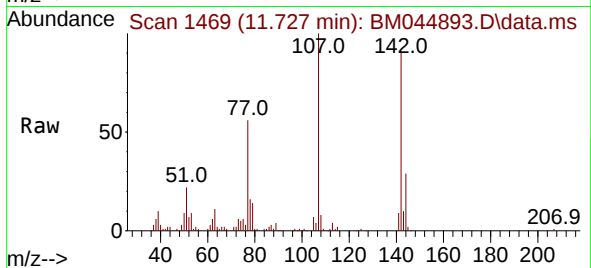




#36
4-Chloro-3-methylphenol
Concen: 20.505 ng
RT: 11.727 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

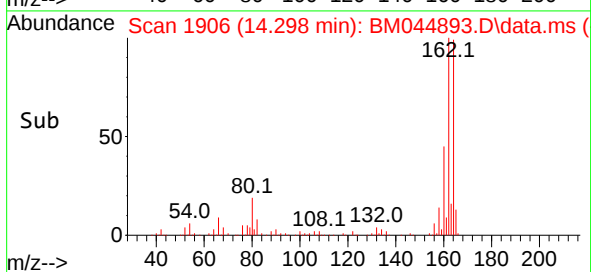
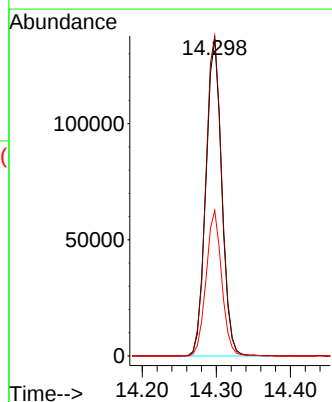
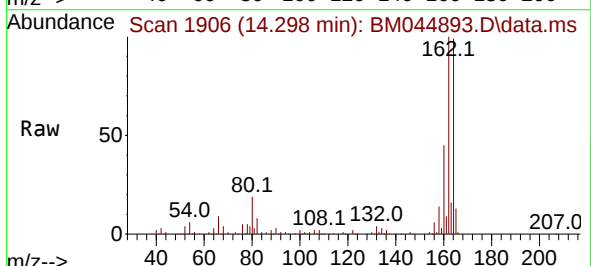
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

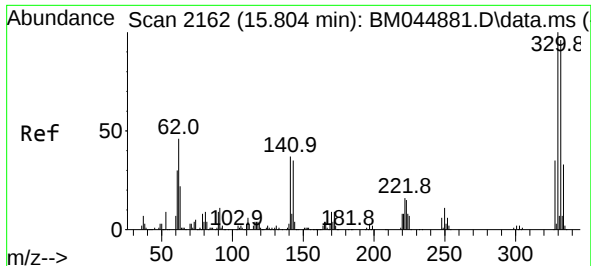
Tgt Ion:107 Resp: 108378
Ion Ratio Lower Upper
107 100
144 29.0 22.6 34.0
142 91.0 69.0 103.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

Tgt Ion:164 Resp: 201881
Ion Ratio Lower Upper
164 100
162 101.0 82.1 123.1
160 46.0 36.8 55.2

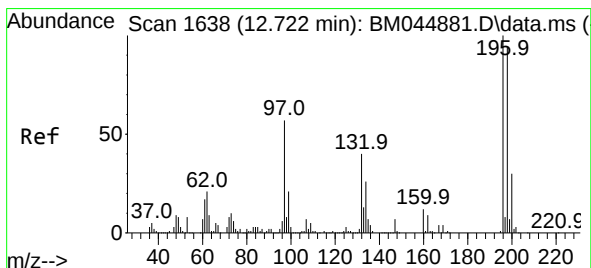
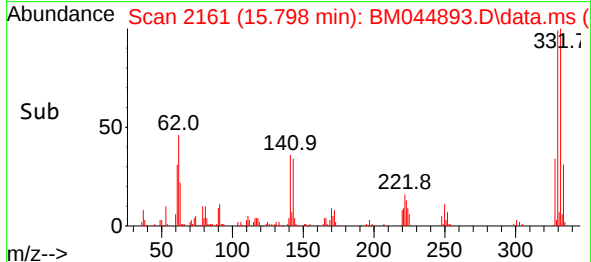
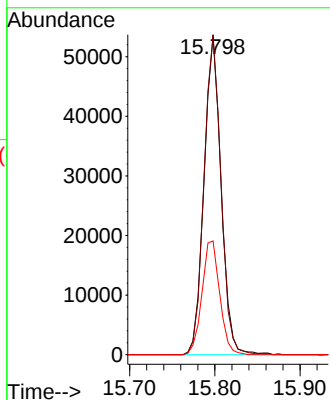
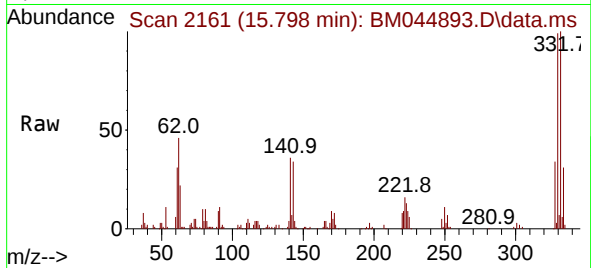




#42
2,4,6-Tribromophenol
Concen: 25.198 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

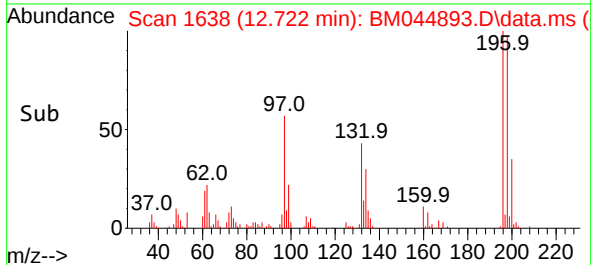
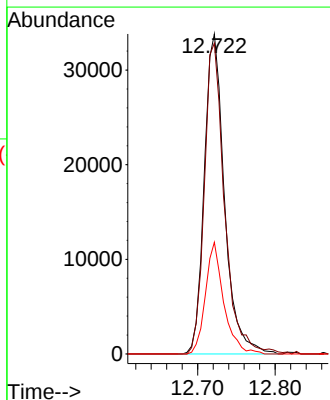
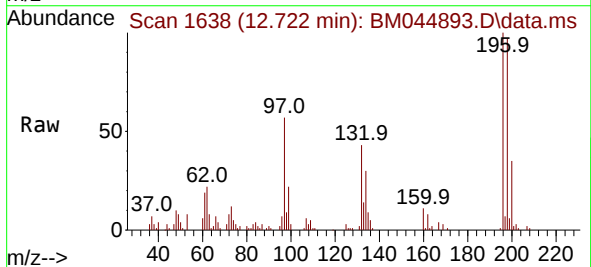
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

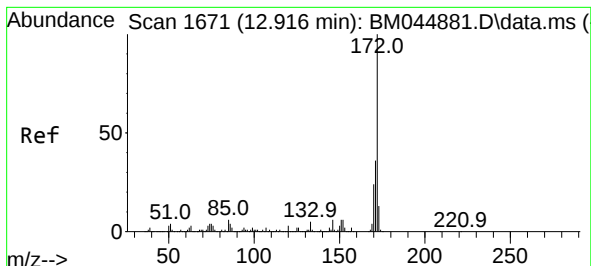
Tgt Ion:330 Resp: 74337
Ion Ratio Lower Upper
330 100
332 100.2 77.4 116.0
141 37.1 30.9 46.3



#43
2,4,6-Trichlorophenol
Concen: 15.608 ng
RT: 12.722 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

Tgt Ion:196 Resp: 61231
Ion Ratio Lower Upper
196 100
198 97.1 75.2 112.8
200 34.9 23.7 35.5





#45

2-Fluorobiphenyl

Concen: 17.593 ng

RT: 12.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044893.D

Acq: 03 Apr 2024 15:03

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

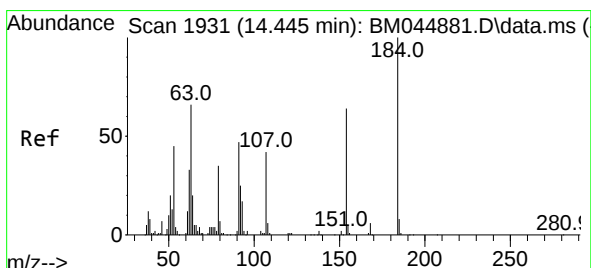
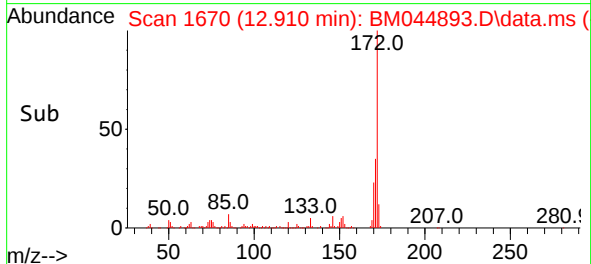
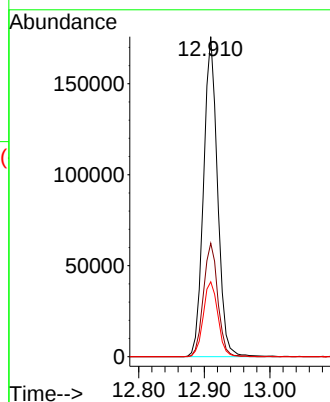
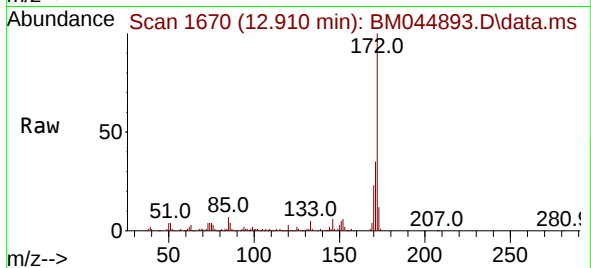
Tgt Ion:172 Resp: 261868

Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

170 23.4 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 23.572 ng

RT: 14.445 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BM044893.D

Acq: 03 Apr 2024 15:03

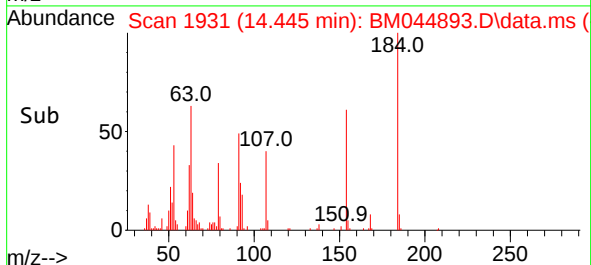
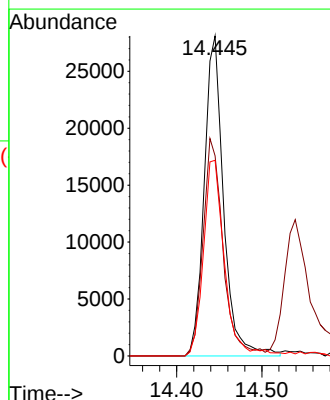
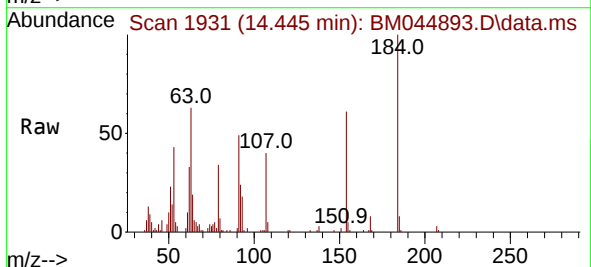
Tgt Ion:184 Resp: 44389

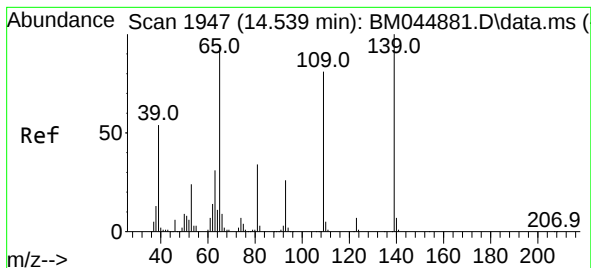
Ion Ratio Lower Upper

184 100

63 62.6 53.0 79.6

154 61.2 51.4 77.2

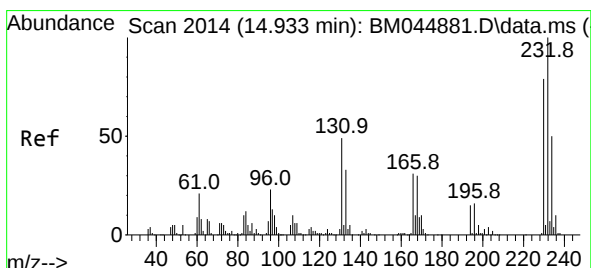
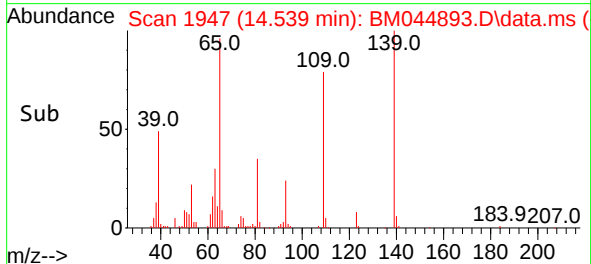
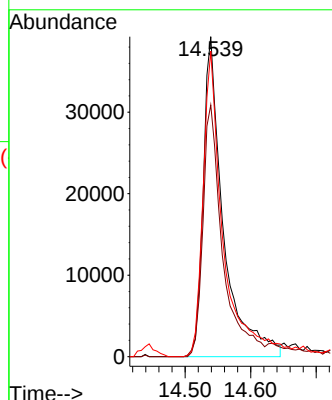
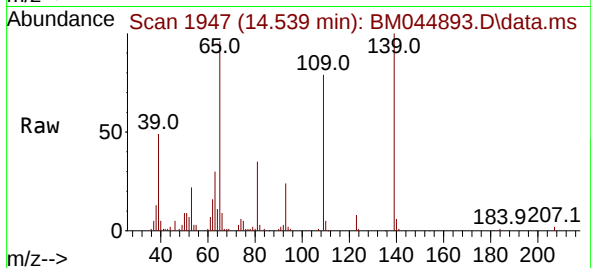




#56
4-Nitrophenol
Concen: 27.724 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

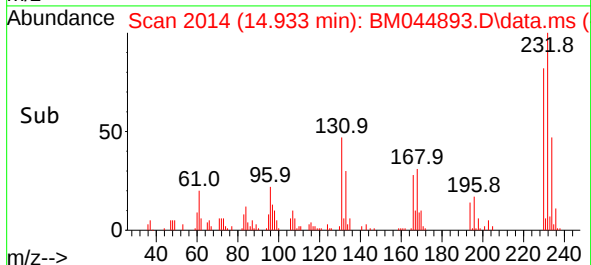
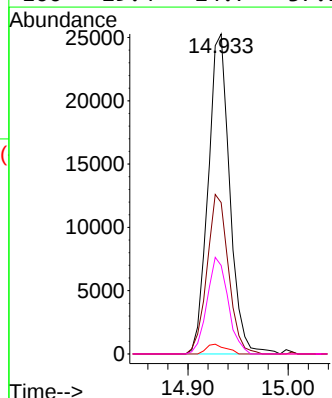
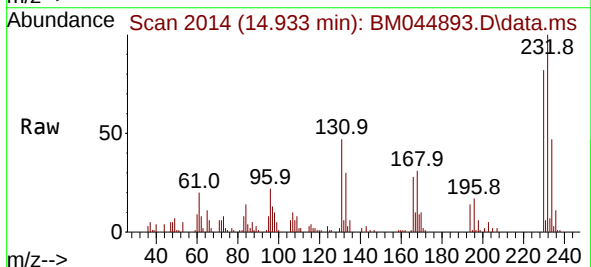
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

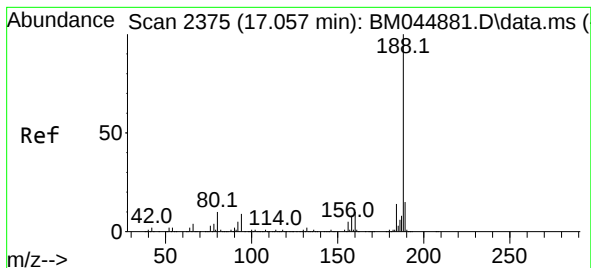
Tgt Ion:139 Resp: 84241
Ion Ratio Lower Upper
139 100
109 78.7 61.0 101.0
65 95.5 74.0 114.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 9.676 ng
RT: 14.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BM044893.D
Acq: 03 Apr 2024 15:03

Tgt Ion:232 Resp: 37807
Ion Ratio Lower Upper
232 100
131 49.6 39.4 59.0
130 2.8 2.1 3.1
166 29.4 24.7 37.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044893.D

Acq: 03 Apr 2024 15:03

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

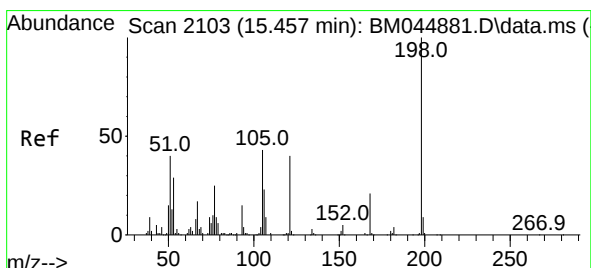
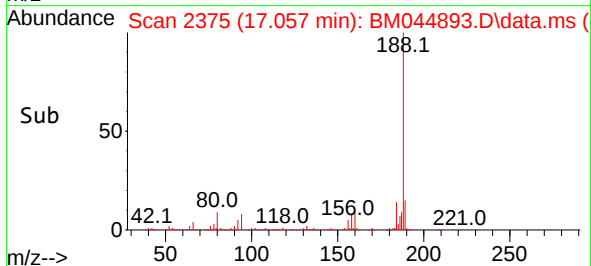
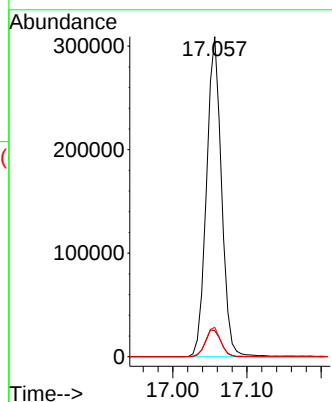
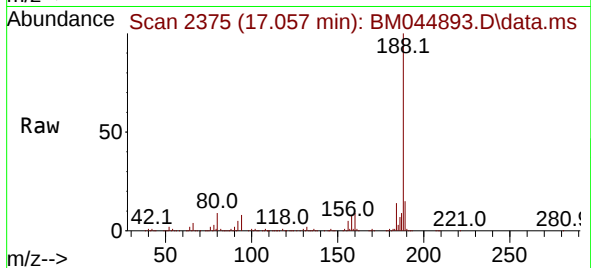
Tgt Ion:188 Resp: 433973

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 9.2 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 18.303 ng

RT: 15.451 min Scan# 2102

Delta R.T. -0.006 min

Lab File: BM044893.D

Acq: 03 Apr 2024 15:03

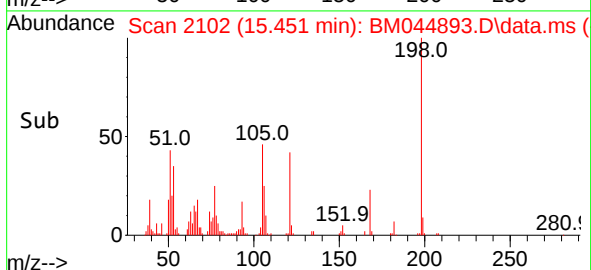
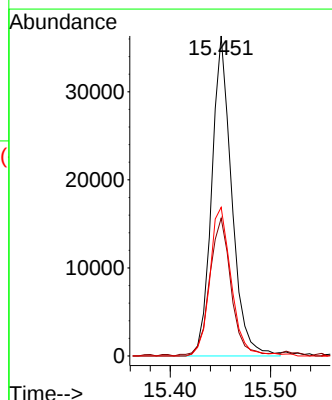
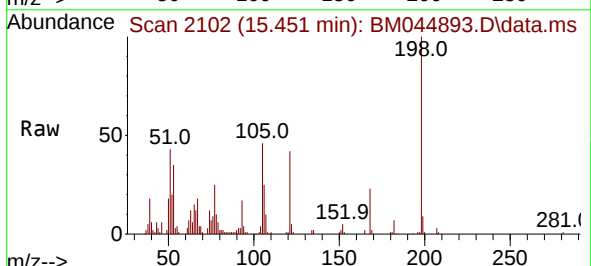
Tgt Ion:198 Resp: 50325

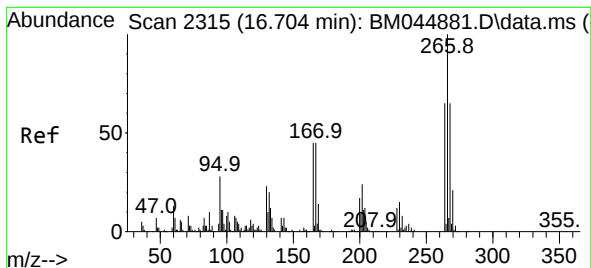
Ion Ratio Lower Upper

198 100

51 43.0 21.9 61.9

105 46.5 23.4 63.4





#70

Pentachlorophenol

Concen: 19.679 ng

RT: 16.704 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044893.D

Acq: 03 Apr 2024 15:03

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

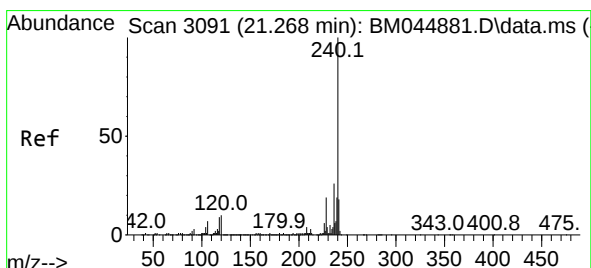
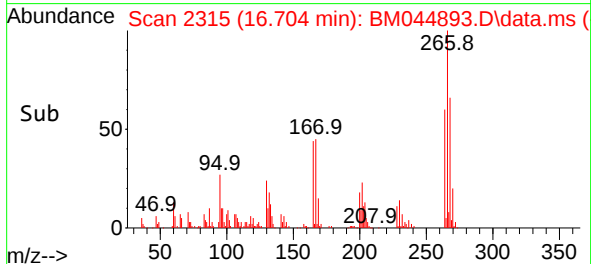
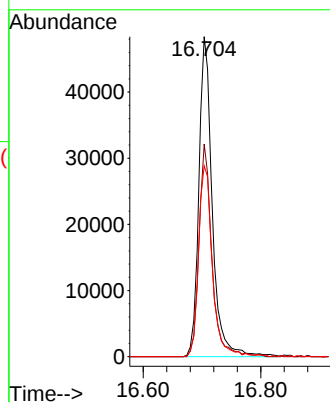
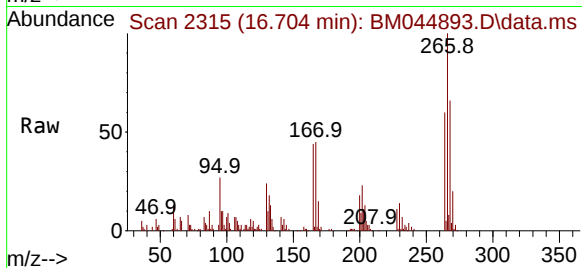
Tgt Ion:266 Resp: 76532

Ion Ratio Lower Upper

266 100

268 66.4 52.0 78.0

264 59.6 51.7 77.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.268 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BM044893.D

Acq: 03 Apr 2024 15:03

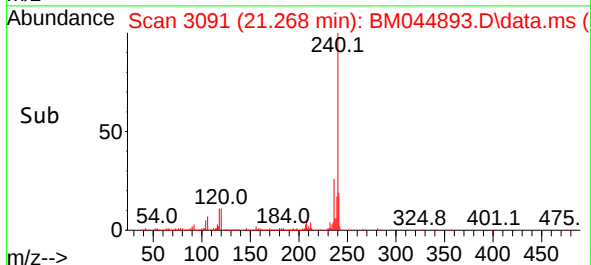
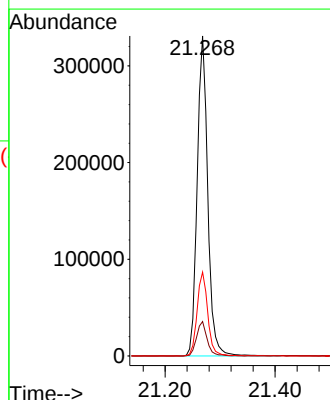
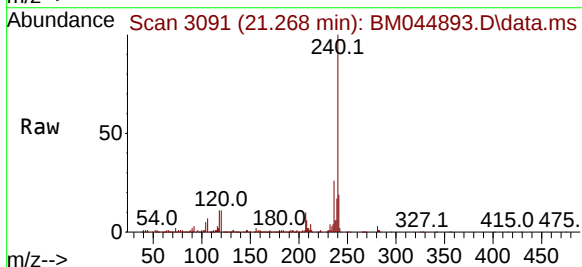
Tgt Ion:240 Resp: 442414

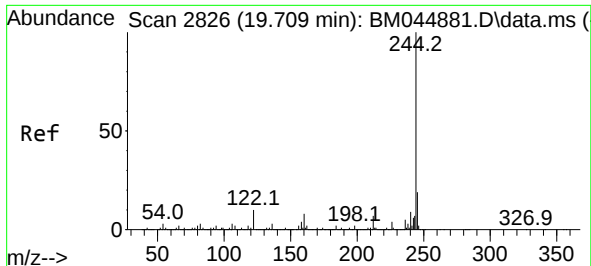
Ion Ratio Lower Upper

240 100

120 10.7 7.8 11.8

236 26.2 20.6 30.8

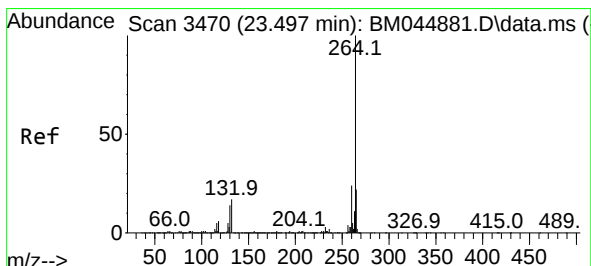
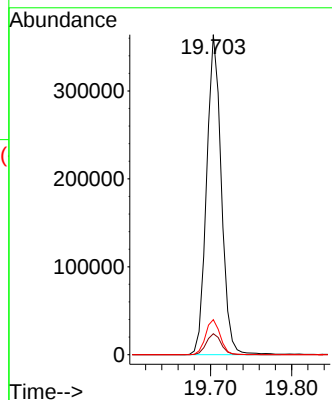
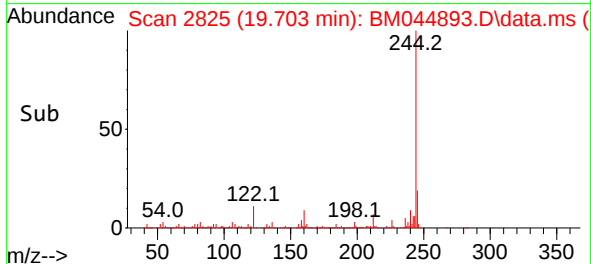
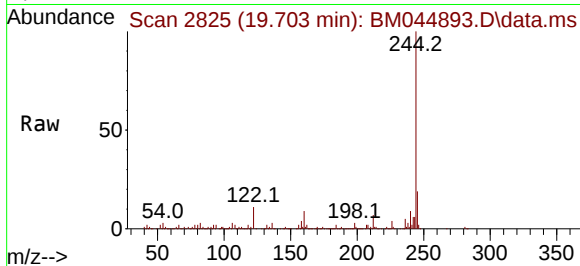




#79
 Terphenyl-d14
 Concen: 17.641 ng
 RT: 19.703 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044893.D
 Acq: 03 Apr 2024 15:03

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:244 Resp: 456766
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.503 min Scan# 3471
 Delta R.T. 0.006 min
 Lab File: BM044893.D
 Acq: 03 Apr 2024 15:03

Tgt Ion:264 Resp: 586953
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 23.2 17.8 26.6

