

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040324\
 Data File : BM044891.D
 Acq On : 03 Apr 2024 12:12
 Operator : MA/JU
 Sample : P1908-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Apr 03 12:43:14 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)

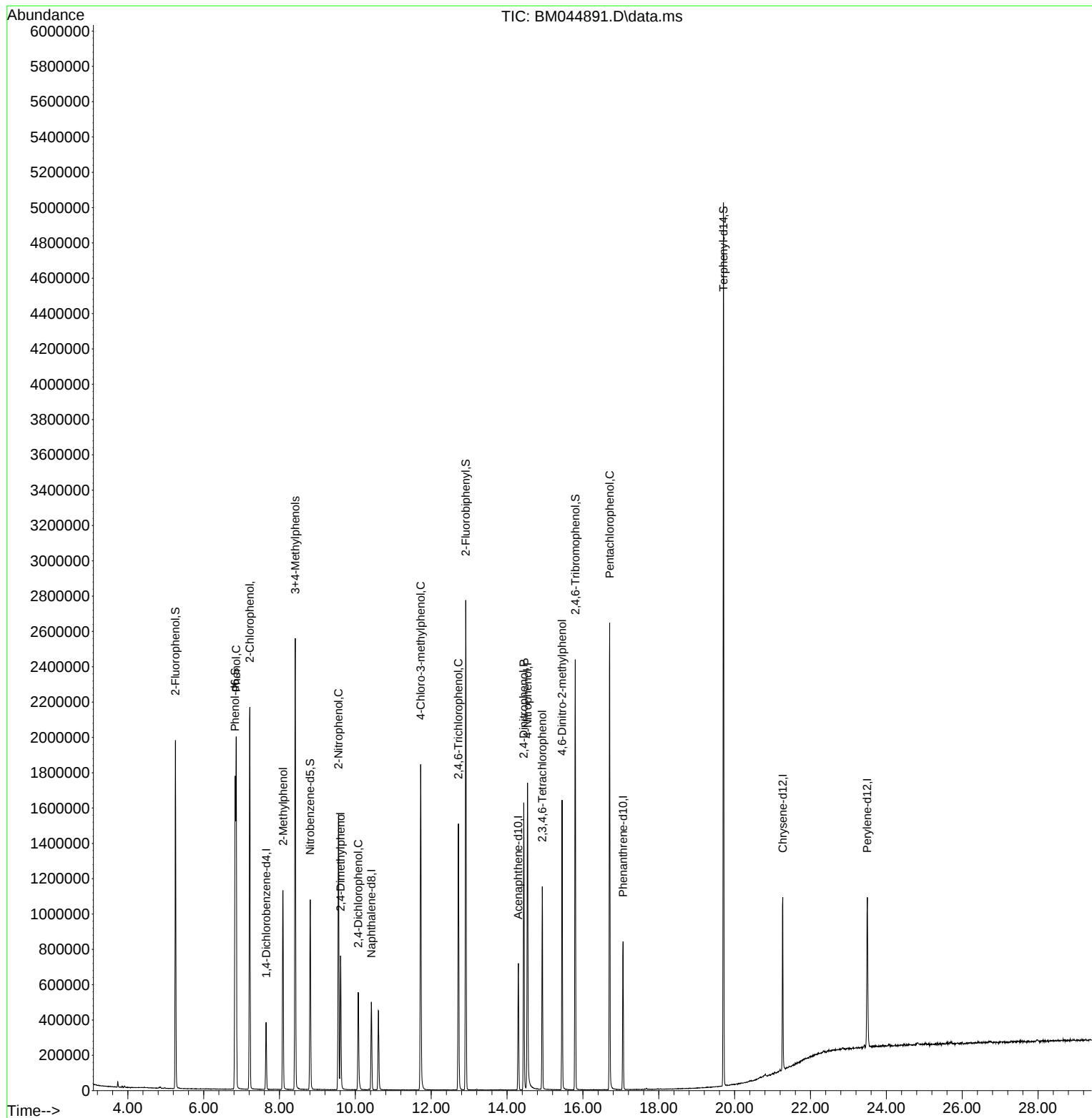
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	99146	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	397804	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	245529	20.000	ng	0.00
64) Phenanthrene-d10	17.056	188	494547	20.000	ng	0.00
76) Chrysene-d12	21.268	240	479960	20.000	ng	0.00
86) Perylene-d12	23.497	264	626221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	798521	121.597	ng	0.00
7) Phenol-d6	6.828	99	1013834	116.956	ng	0.00
23) Nitrobenzene-d5	8.810	82	603718	74.739	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	405174	112.926	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	1333842	73.682	ng	0.00
79) Terphenyl-d14	19.703	244	2154851	76.713	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.216	128	937282	133.657	ng	99
10) Phenol	6.857	94	971950	113.675	ng	99
17) 2-Methylphenol	8.092	107	339608	54.559	ng	99
20) 3+4-Methylphenols	8.416	107	1095955	126.684	ng	91
26) 2-Nitrophenol	9.557	139	500080	138.194	ng	98
27) 2,4-Dimethylphenol	9.610	122	219958	36.364	ng	99
29) 2,4-Dichlorophenol	10.075	162	211218	34.312	ng	99
36) 4-Chloro-3-methylphenol	11.722	107	601974	90.264	ng	99
43) 2,4,6-Trichlorophenol	12.716	196	351225	73.615	ng	99
54) 2,4-Dinitrophenol	14.439	184	314943	115.292	ng	95
56) 4-Nitrophenol	14.539	139	484681	131.155	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.927	232	207524	43.670	ng	100
65) 4,6-Dinitro-2-methylph...	15.451	198	325123	103.765	ng	97
70) Pentachlorophenol	16.704	266	423228	95.499	ng	99

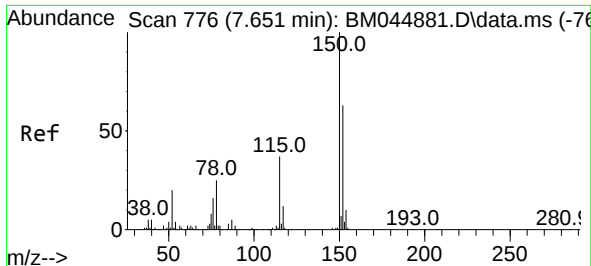
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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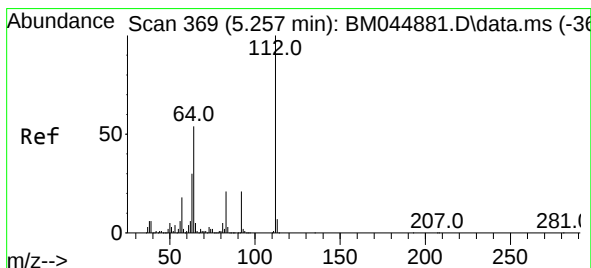
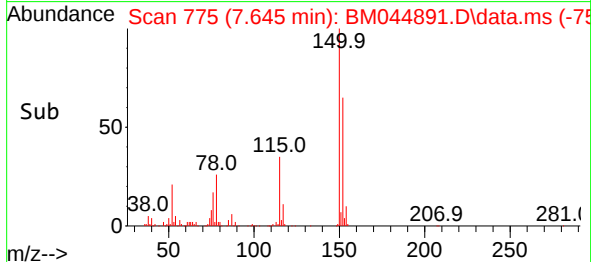
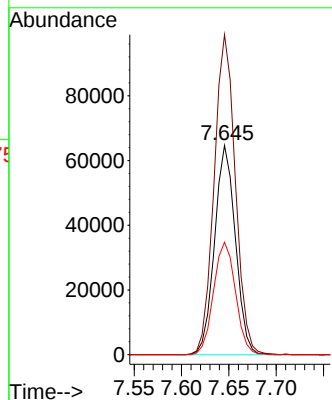
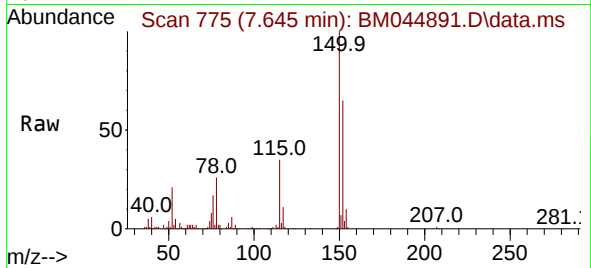




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.645 min Scan# 776
Delta R.T. -0.006 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

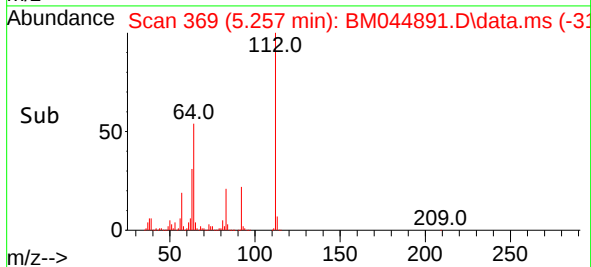
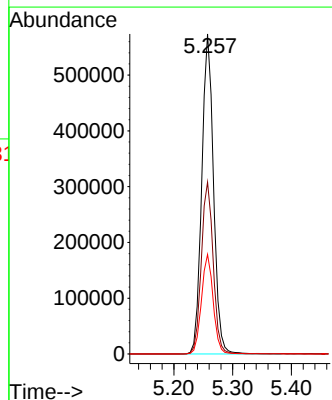
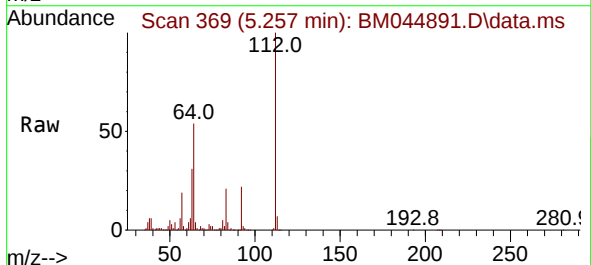
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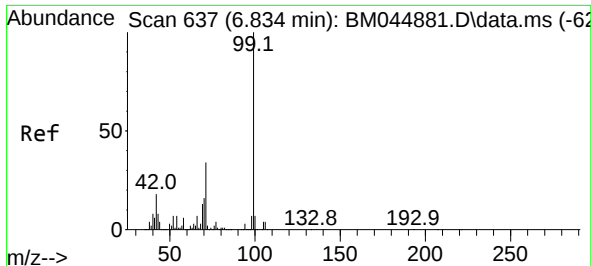
Tgt Ion:152 Resp: 99146
Ion Ratio Lower Upper
152 100
150 152.9 126.5 189.7
115 53.7 47.3 70.9



#5
2-Fluorophenol
Concen: 121.597 ng
RT: 5.257 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Tgt Ion:112 Resp: 798521
Ion Ratio Lower Upper
112 100
64 53.7 43.0 64.4
63 31.1 24.3 36.5



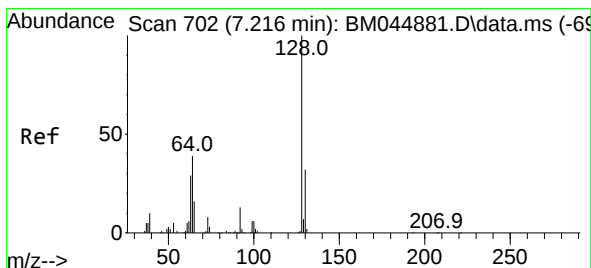
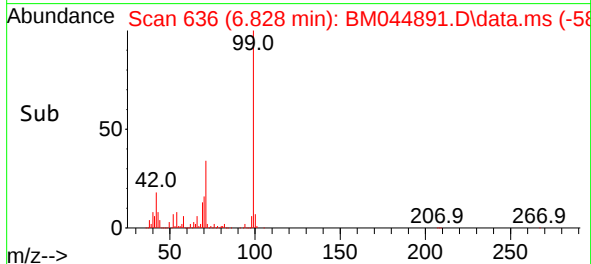
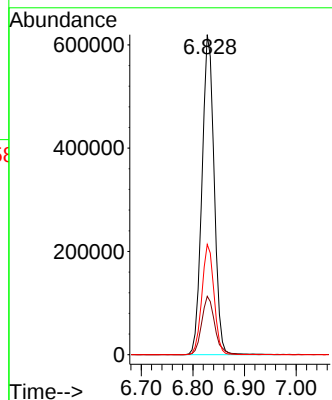
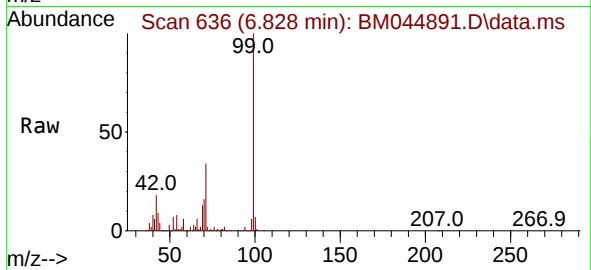


#7
Phenol-d6
Concen: 116.956 ng
RT: 6.828 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 99 Resp: 1013834

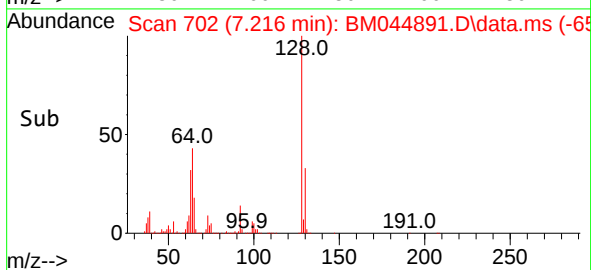
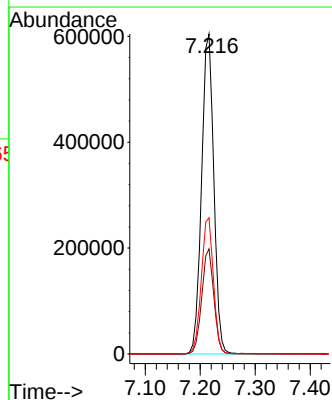
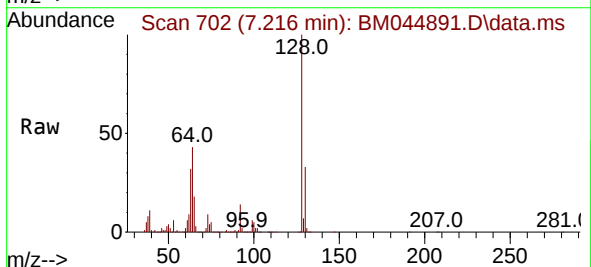
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.2	21.4
71	34.5	27.5	41.3

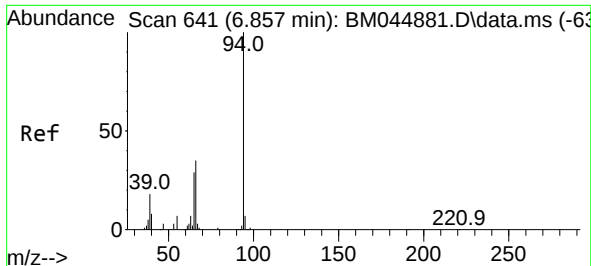


#8
2-Chlorophenol
Concen: 133.657 ng
RT: 7.216 min Scan# 702
Delta R.T. -0.000 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Tgt Ion: 128 Resp: 937282

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.9	51.9
64	42.5	22.9	62.9

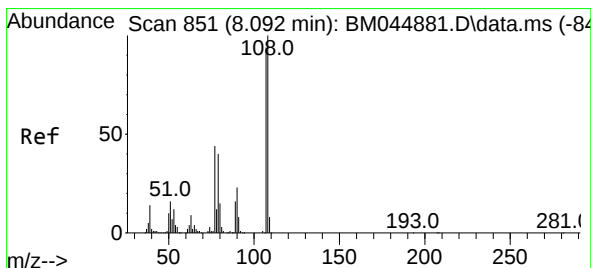
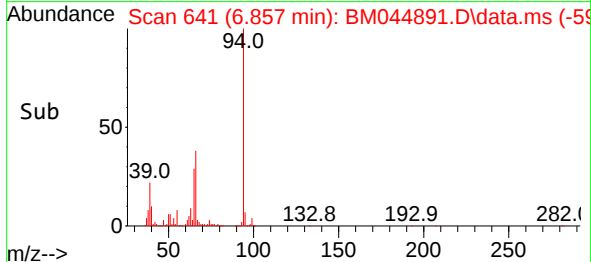
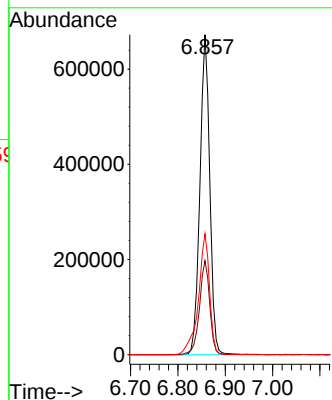
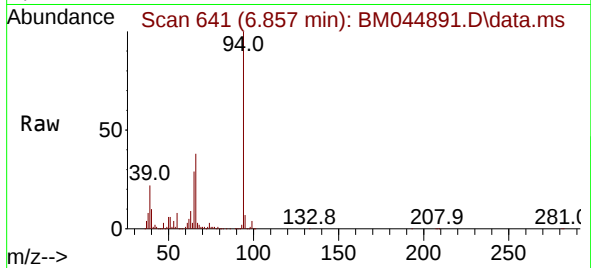




#10
Phenol
Concen: 113.675 ng
RT: 6.857 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

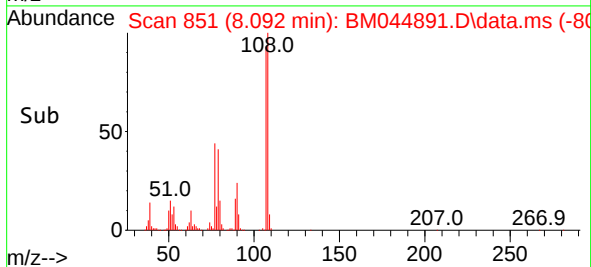
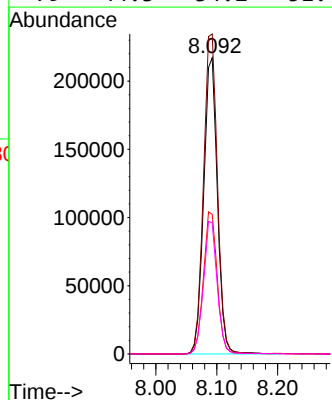
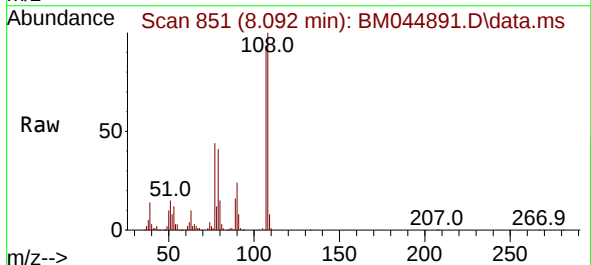
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

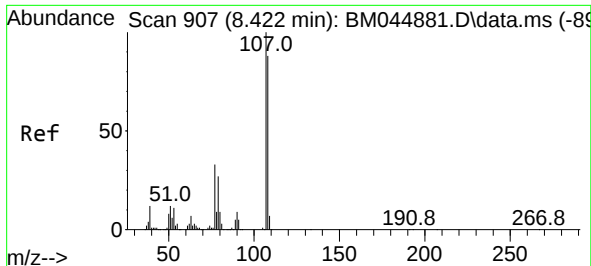
Tgt Ion: 94 Resp: 971950
Ion Ratio Lower Upper
94 100
65 29.4 9.2 49.2
66 37.8 16.4 56.4



#17
2-Methylphenol
Concen: 54.559 ng
RT: 8.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Tgt Ion: 107 Resp: 339608
Ion Ratio Lower Upper
107 100
108 108.0 85.5 128.3
77 47.1 38.2 57.4
79 44.3 34.2 51.4



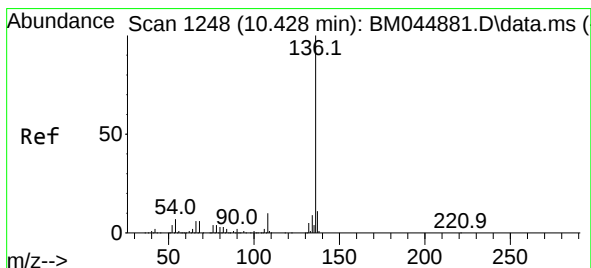
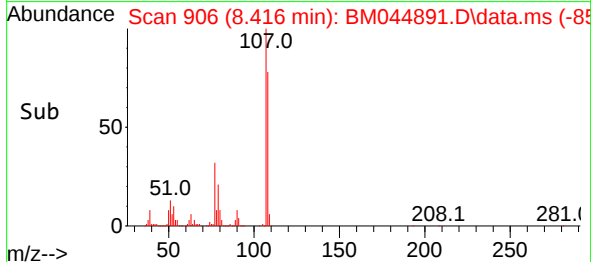
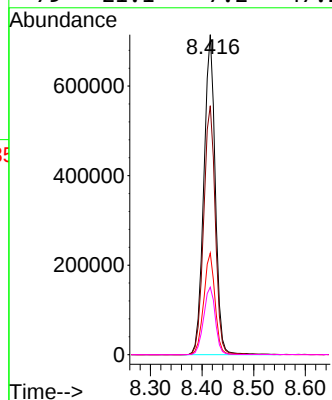
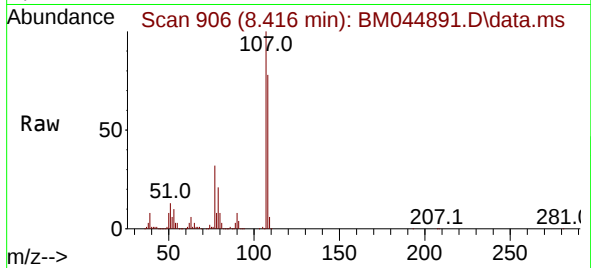


#20
3+4-Methylphenols
Concen: 126.684 ng
RT: 8.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:107 Resp: 1095955

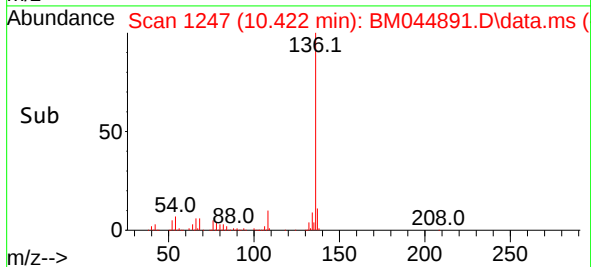
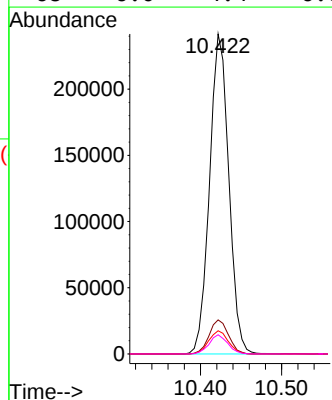
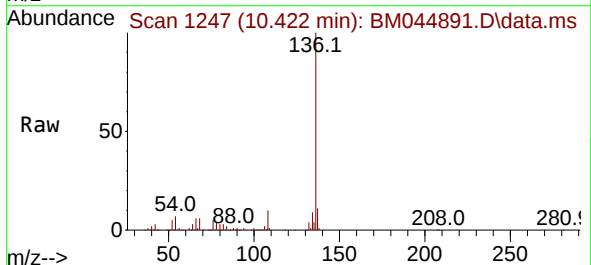
Ion	Ratio	Lower	Upper
107	100		
108	77.8	68.1	108.1
77	31.8	13.3	53.3
79	21.1	7.2	47.2

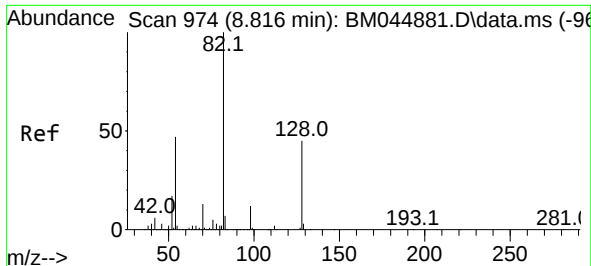


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Tgt Ion:136 Resp: 397804

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.2	5.9	8.9
68	6.0	4.4	6.6

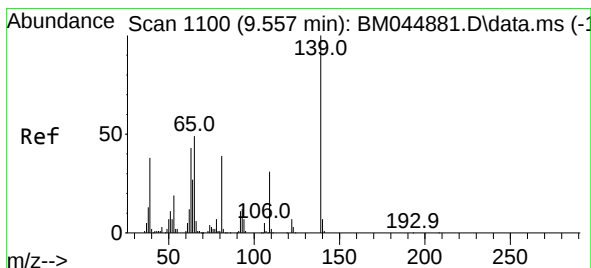
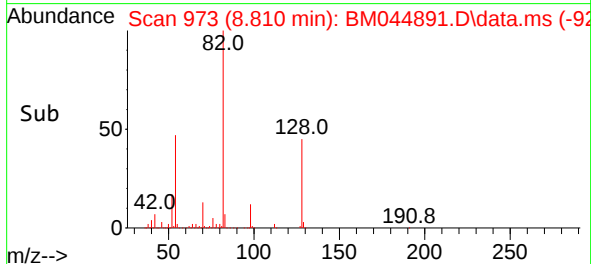
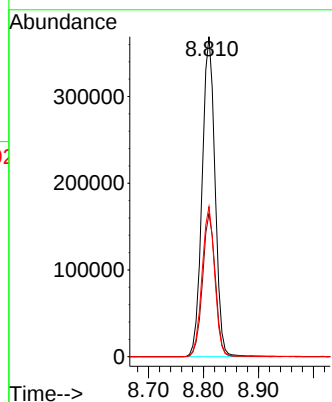
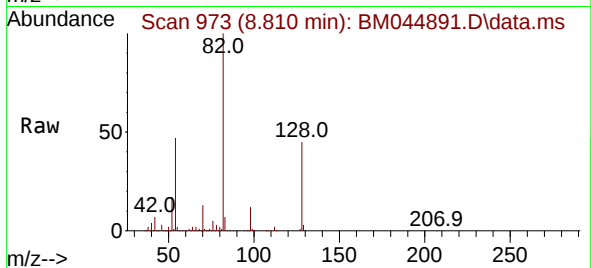




#23
Nitrobenzene-d5
Concen: 74.739 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

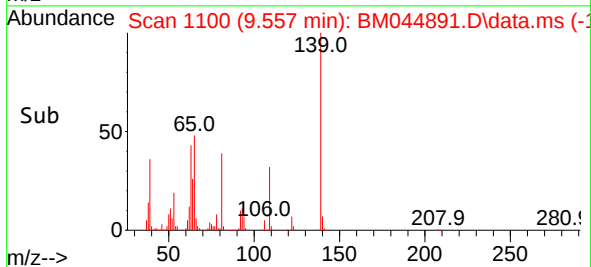
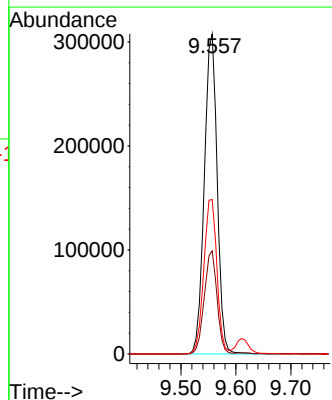
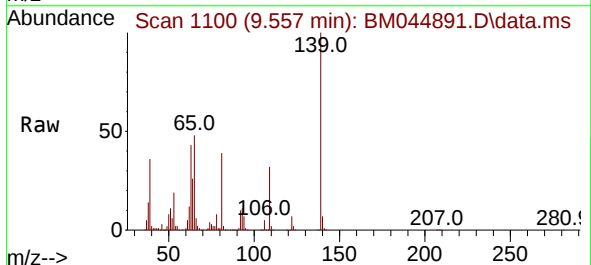
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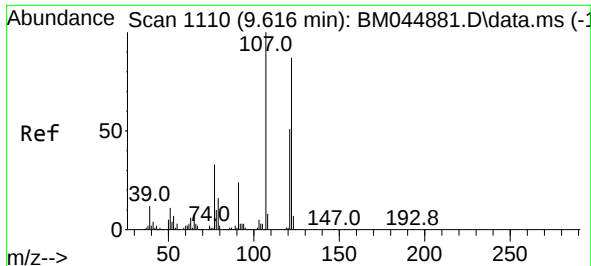
Tgt Ion: 82 Resp: 603718
Ion Ratio Lower Upper
82 100
128 44.7 36.2 54.4
54 46.9 37.5 56.3



#26
2-Nitrophenol
Concen: 138.194 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Tgt Ion:139 Resp: 500080
Ion Ratio Lower Upper
139 100
109 32.2 25.1 37.7
65 48.3 39.6 59.4

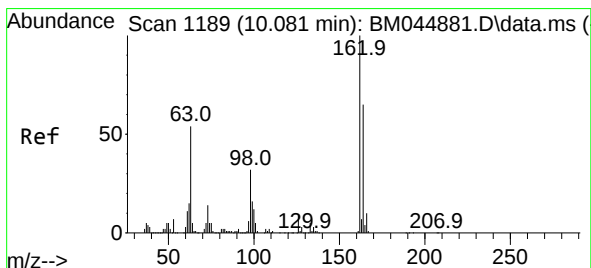
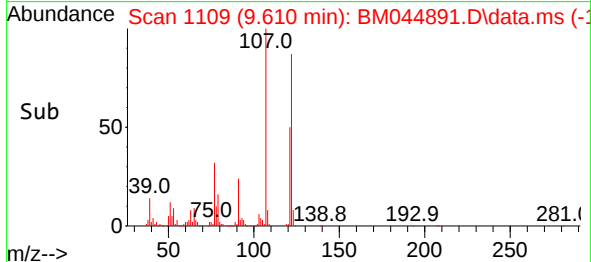
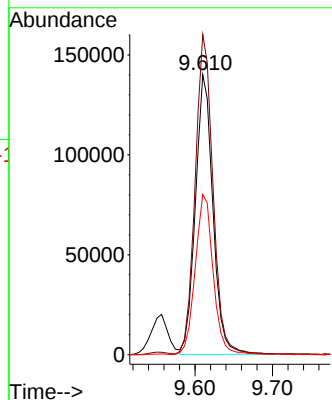
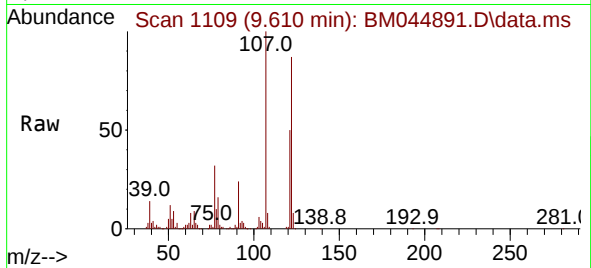




#27
2,4-Dimethylphenol
Concen: 36.364 ng
RT: 9.610 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

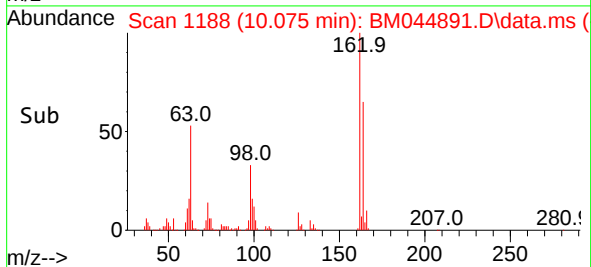
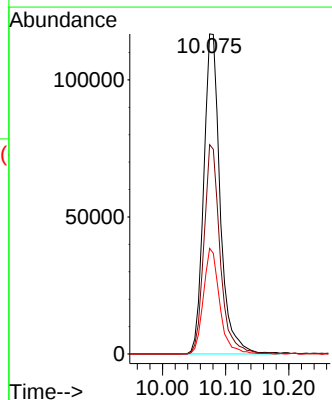
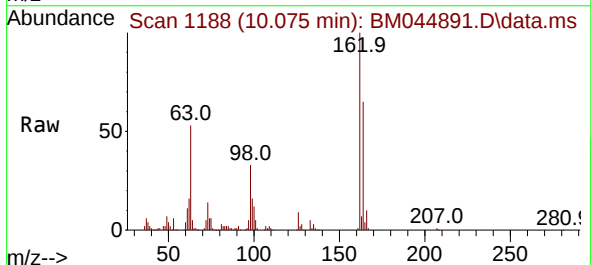
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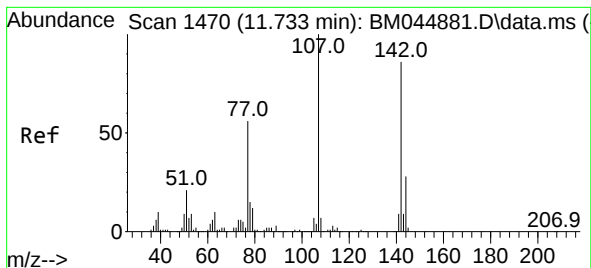
Tgt Ion:122 Resp: 219958
Ion Ratio Lower Upper
122 100
107 114.3 91.5 137.3
121 57.2 46.9 70.3



#29
2,4-Dichlorophenol
Concen: 34.312 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Tgt Ion:162 Resp: 211218
Ion Ratio Lower Upper
162 100
164 65.4 44.8 84.8
98 33.0 12.0 52.0

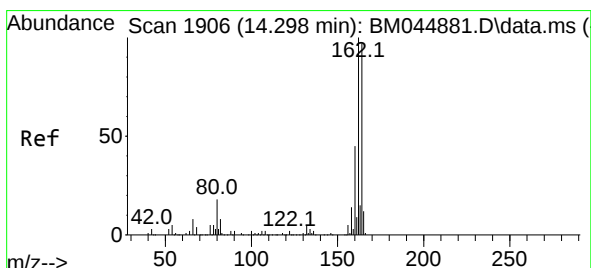
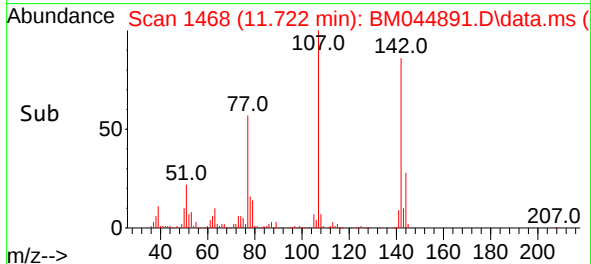
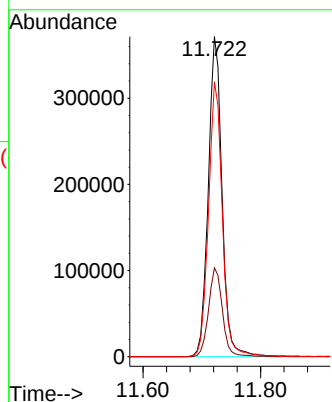
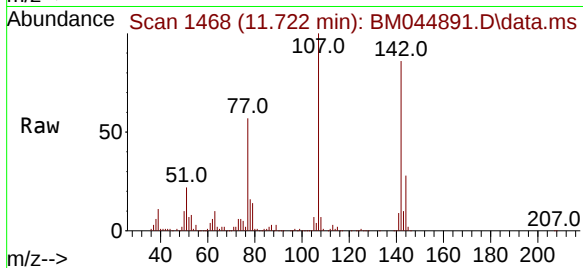




#36
4-Chloro-3-methylphenol
Concen: 90.264 ng
RT: 11.722 min Scan# 1470
Delta R.T. -0.012 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

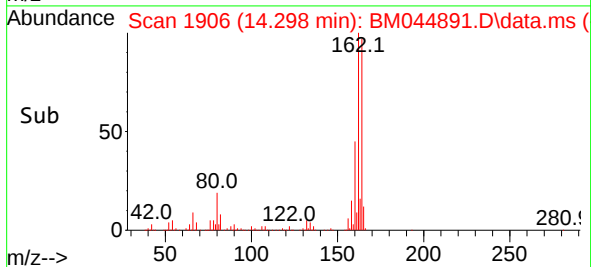
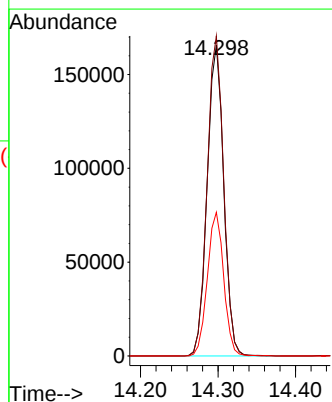
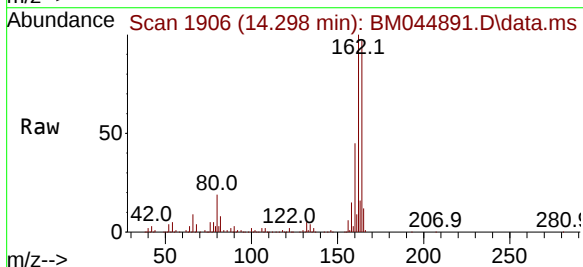
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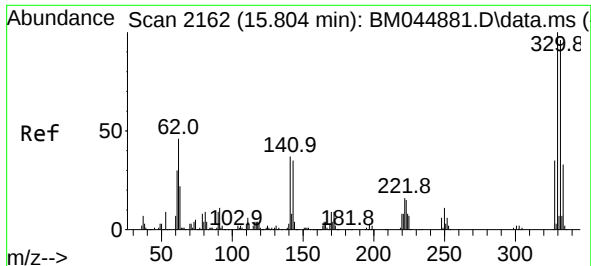
Tgt Ion:107 Resp: 601974
Ion Ratio Lower Upper
107 100
144 27.8 22.6 34.0
142 85.9 69.0 103.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Tgt Ion:164 Resp: 245529
Ion Ratio Lower Upper
164 100
162 102.9 82.1 123.1
160 46.2 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 112.926 ng

RT: 15.798 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044891.D

Acq: 03 Apr 2024 12:12

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

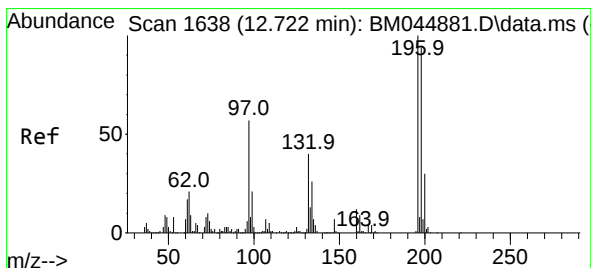
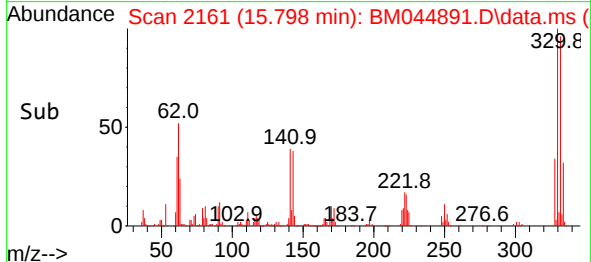
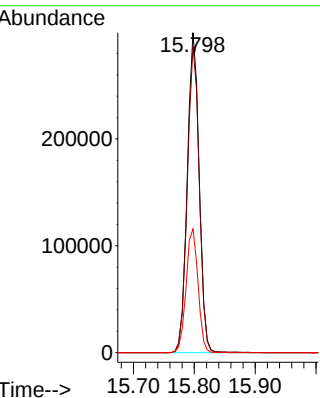
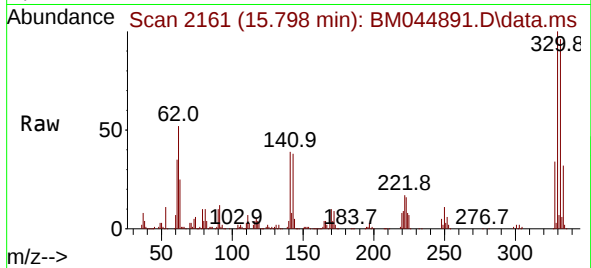
Tgt Ion:330 Resp: 405174

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 38.9 30.9 46.3



#43

2,4,6-Trichlorophenol

Concen: 73.615 ng

RT: 12.716 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM044891.D

Acq: 03 Apr 2024 12:12

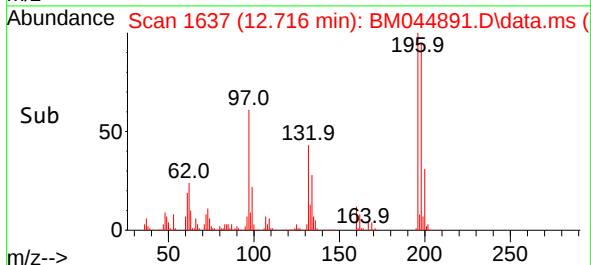
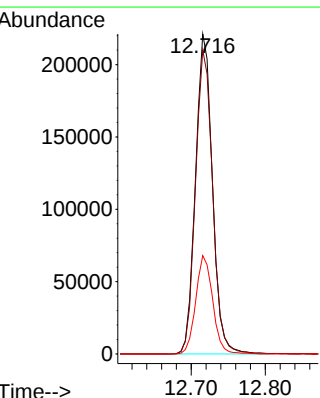
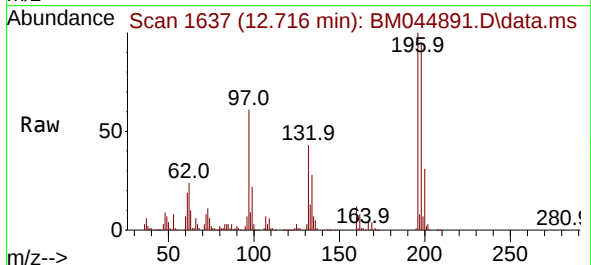
Tgt Ion:196 Resp: 351225

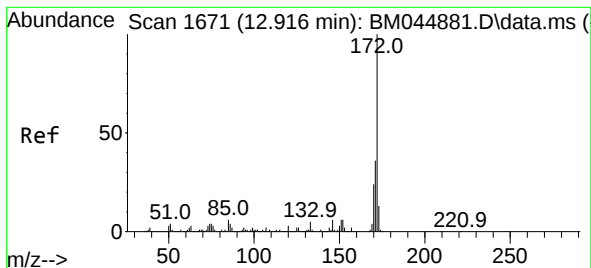
Ion Ratio Lower Upper

196 100

198 95.0 75.2 112.8

200 30.7 23.7 35.5





#45

2-Fluorobiphenyl

Concen: 73.682 ng

RT: 12.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044891.D

Acq: 03 Apr 2024 12:12

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

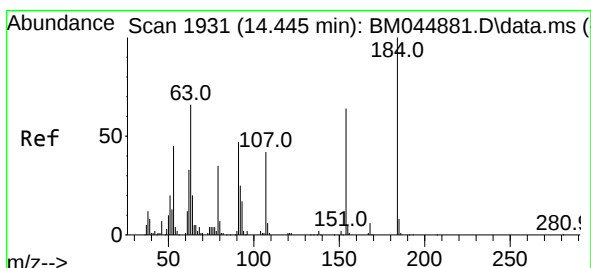
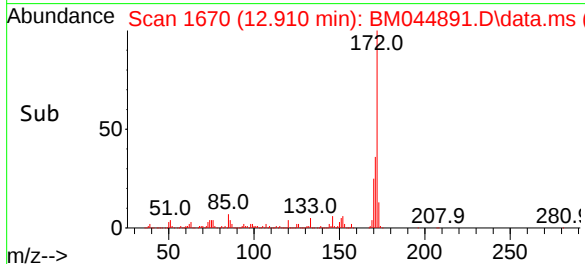
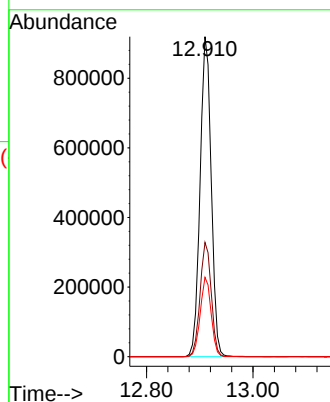
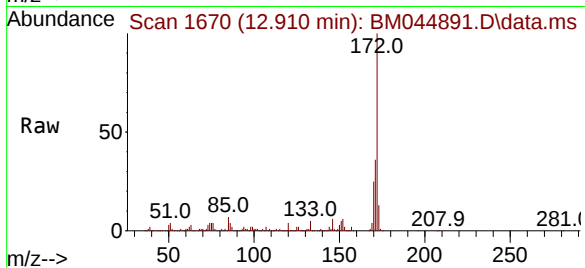
Tgt Ion:172 Resp: 1333842

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 24.8 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 115.292 ng

RT: 14.439 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BM044891.D

Acq: 03 Apr 2024 12:12

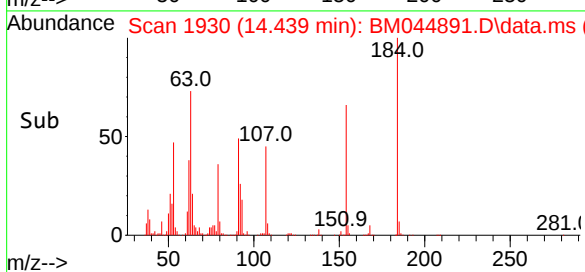
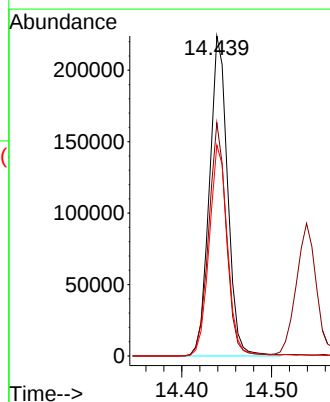
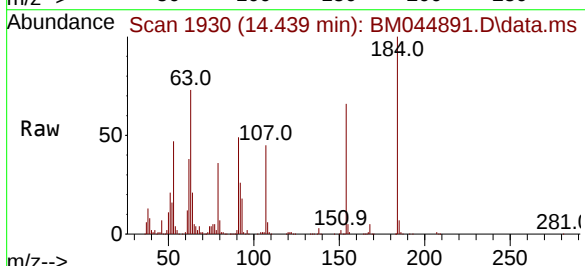
Tgt Ion:184 Resp: 314943

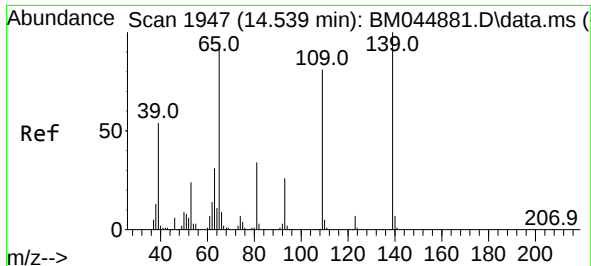
Ion Ratio Lower Upper

184 100

63 72.9 53.0 79.6

154 65.9 51.4 77.2

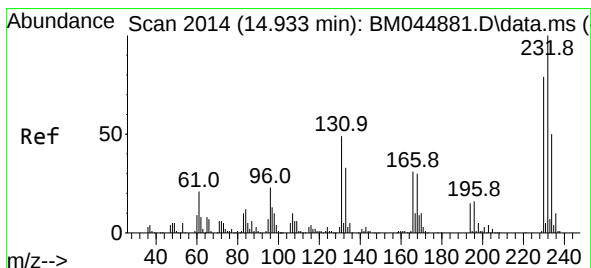
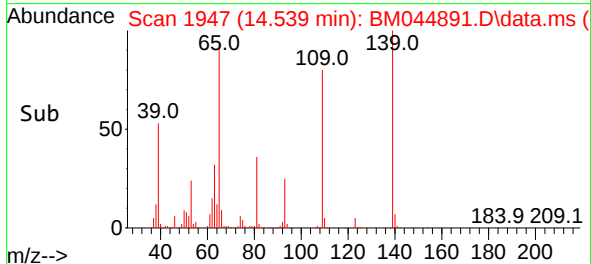
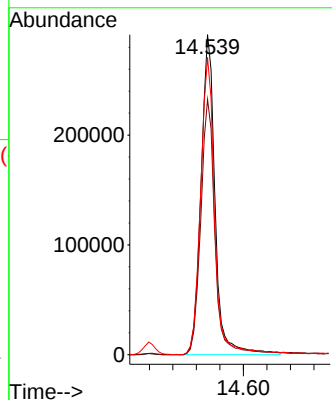
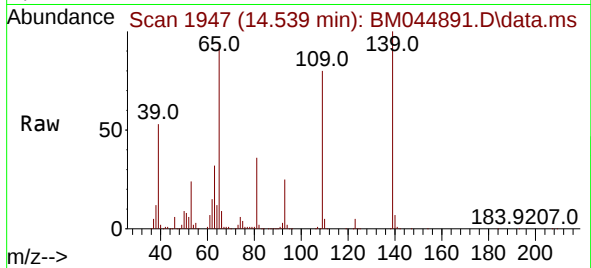




#56
4-Nitrophenol
Concen: 131.155 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

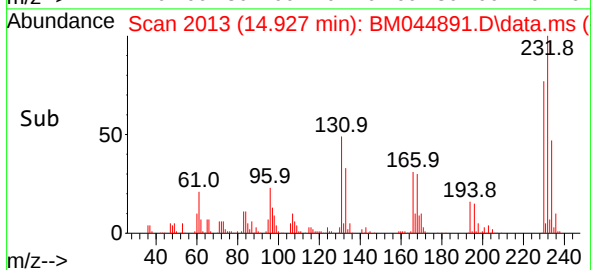
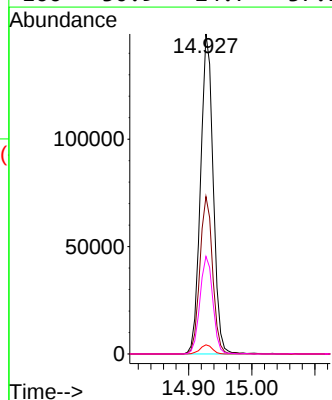
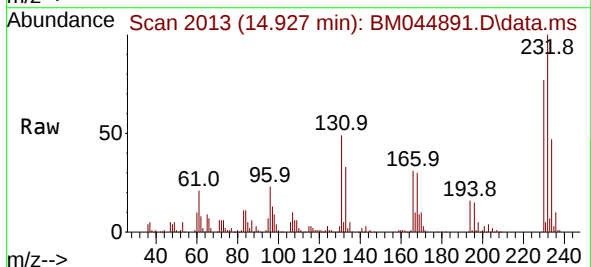
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

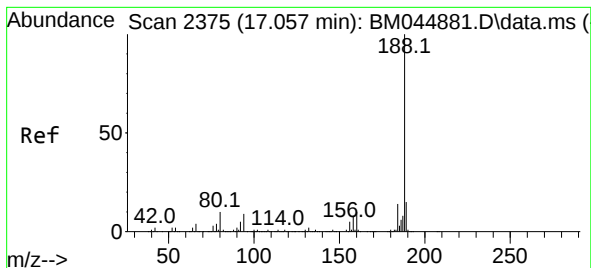
Tgt Ion:139 Resp: 484681
Ion Ratio Lower Upper
139 100
109 79.8 61.0 101.0
65 92.9 74.0 114.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 43.670 ng
RT: 14.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Tgt Ion:232 Resp: 207524
Ion Ratio Lower Upper
232 100
131 49.5 39.4 59.0
130 2.8 2.1 3.1
166 30.9 24.7 37.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.056 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044891.D

Acq: 03 Apr 2024 12:12

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

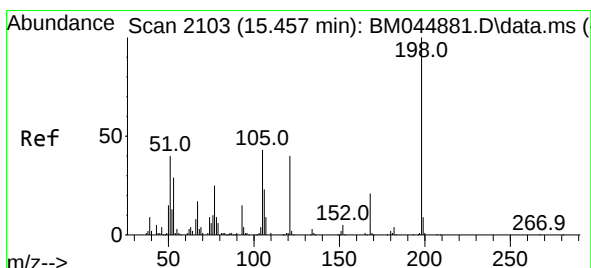
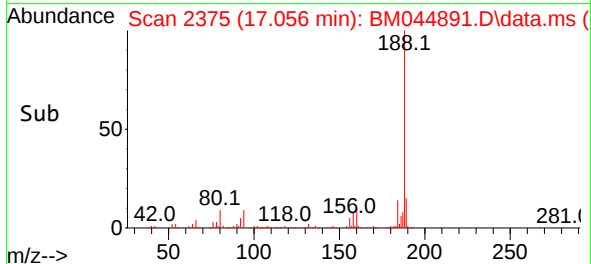
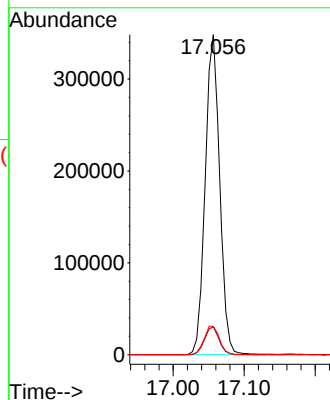
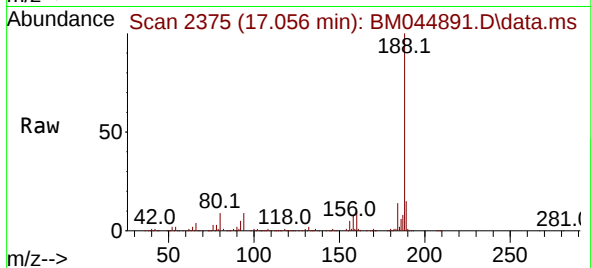
Tgt Ion:188 Resp: 494547

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

80 8.9 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 103.765 ng

RT: 15.451 min Scan# 2102

Delta R.T. -0.006 min

Lab File: BM044891.D

Acq: 03 Apr 2024 12:12

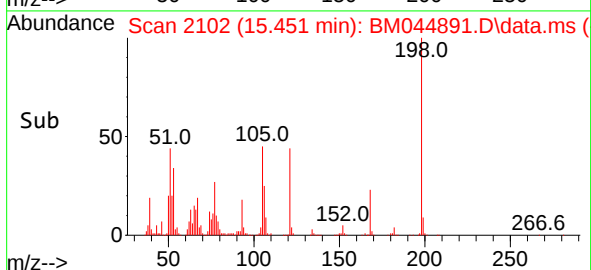
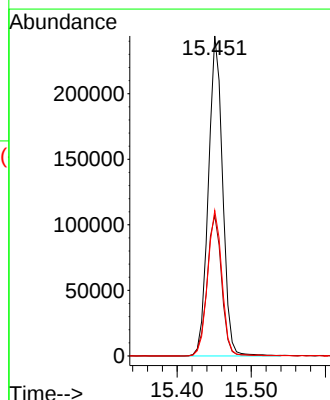
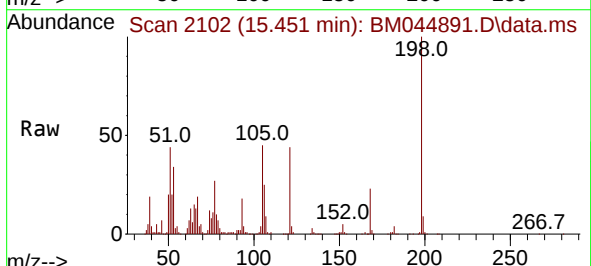
Tgt Ion:198 Resp: 325123

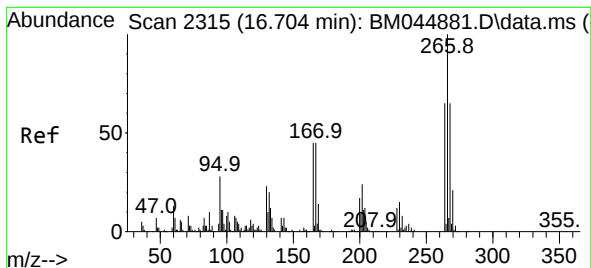
Ion Ratio Lower Upper

198 100

51 43.9 21.9 61.9

105 45.5 23.4 63.4





#70

Pentachlorophenol

Concen: 95.499 ng

RT: 16.704 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044891.D

Acq: 03 Apr 2024 12:12

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

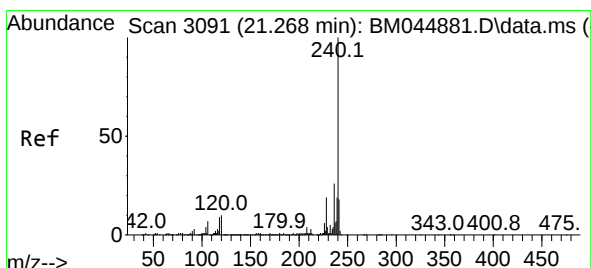
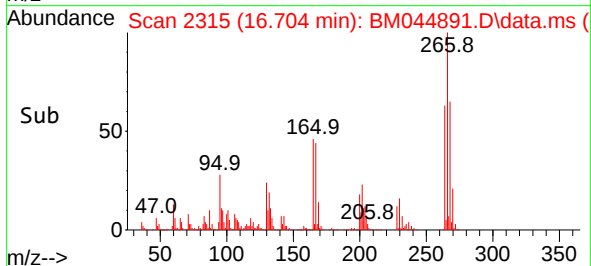
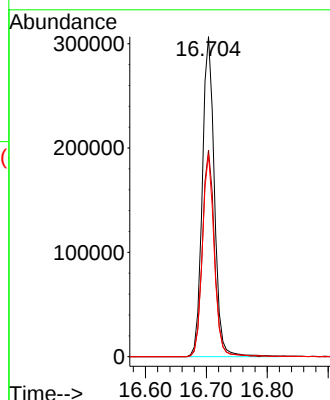
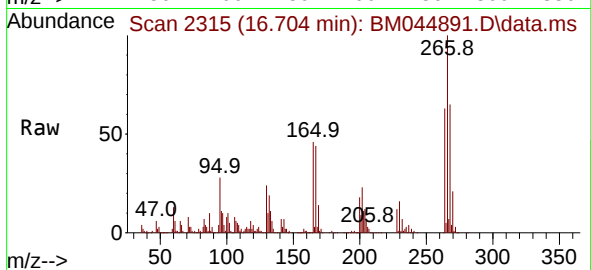
Tgt Ion:266 Resp: 423228

Ion Ratio Lower Upper

266 100

268 64.5 52.0 78.0

264 63.2 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: BM044891.D

Acq: 03 Apr 2024 12:12

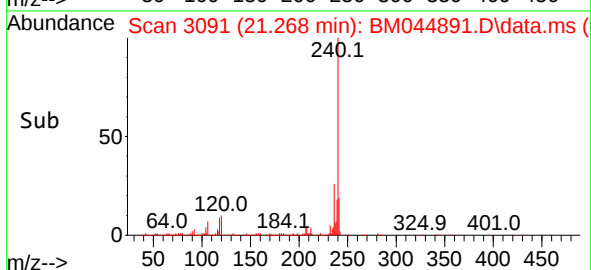
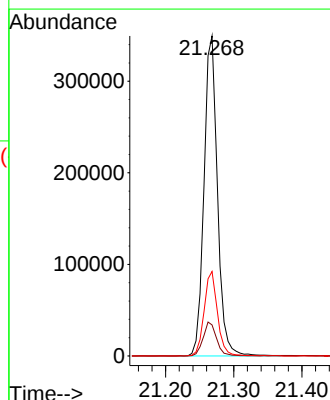
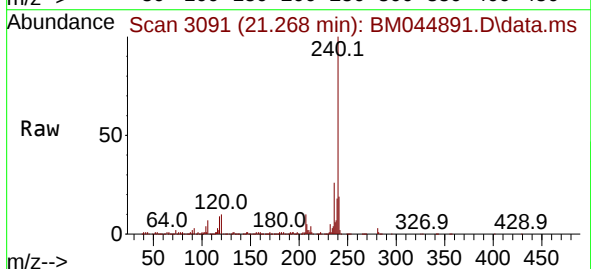
Tgt Ion:240 Resp: 479960

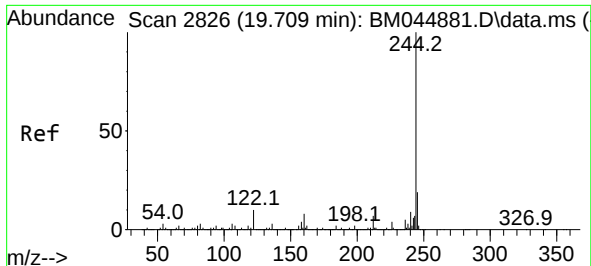
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.8

236 26.4 20.6 30.8

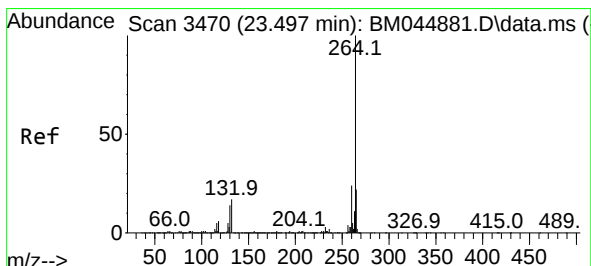
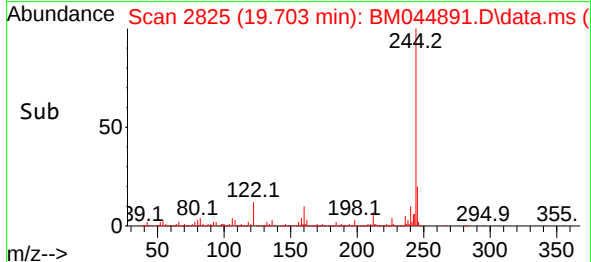
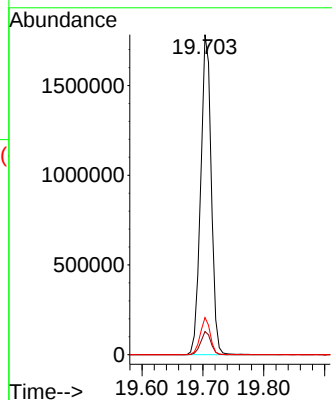
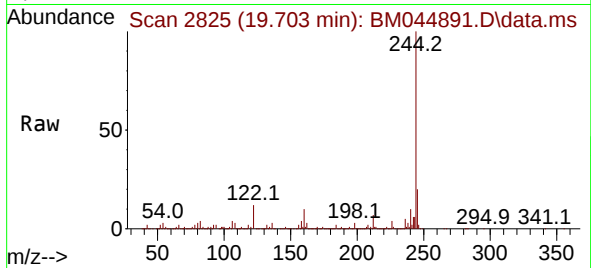




#79
Terphenyl-d14
Concen: 76.713 ng
RT: 19.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:244 Resp: 2154851
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.6 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.497 min Scan# 3470
Delta R.T. -0.000 min
Lab File: BM044891.D
Acq: 03 Apr 2024 12:12

Tgt Ion:264 Resp: 626221
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.0 17.8 26.6

